

## perk (Phospho-Ser1094) Antibody

Catalog No: #12888

Package Size: #12888-1 50ul #12888-2 100ul

## Description

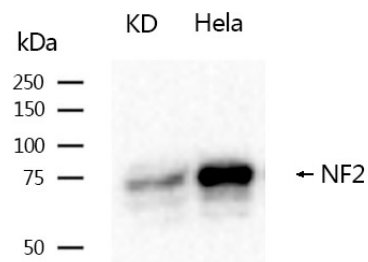
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | perk (Phospho-Ser1094) Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Host Species          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality             | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applications          | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species Reactivity    | Hu Ms Rt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity           | Phospho-perk (S1094) Antibody detects endogenous levels of perk only when phosphorylated at S1094                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Immunogen Type        | Peptide-KLH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen Description | A synthesized peptide derived from human perk (Phospho-Ser1094)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Conjugates            | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Other Names           | DKFZp781H1925 antibody<br>E2AK3_HUMAN antibody<br>EC 2.7.11.1 antibody<br>Eif2ak3 antibody<br>Eukaryotic translation initiation factor 2 alpha kinase 3 antibody<br>Eukaryotic translation initiation factor 2-alpha kinase 3 antibody<br>Heme regulated EIF2 alpha kinase antibody<br>HRI antibody<br>HsPEK antibody<br>Pancreatic eIF2 alpha kinase antibody<br>Pancreatic eIF2-alpha kinase antibody<br>PEK antibody<br>PRKR like endoplasmic reticulum kinase antibody<br>PRKR-like endoplasmic reticulum kinase antibody<br>WRS antibody |
| Accession No.         | Swiss-Prot#:Q9NZJ5? NCBI Gene ID9451                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration         | 1.0mg mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+) pH 7.4 150mM NaCl 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Storage               | Store at -20°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Application Details

WB dilution:1:1000

## Images

Western blotting analysis using perk (Phospho-Ser1094)  
Antibody #12888.



## Published Papers

Ran Hao;Xiaolei Gao;Qi Lu;Tong Zhao;Xinxin Lu;Fuping Zhang;Yanjiao Pei;Jiqing Lang;Huanhuan Liu;Jinggui Song;Zhaohui Zhang et al., CUMS induces depressive-like behaviors and cognition impairment by activating the ERS-NLRP3 signaling pathway in mice., , (2025)

[PMID:39378914](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.