PERK (Phospho-Thr 982) Antibody

Catalog No: #12814

Package Size: #12814-1 50ul #12814-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

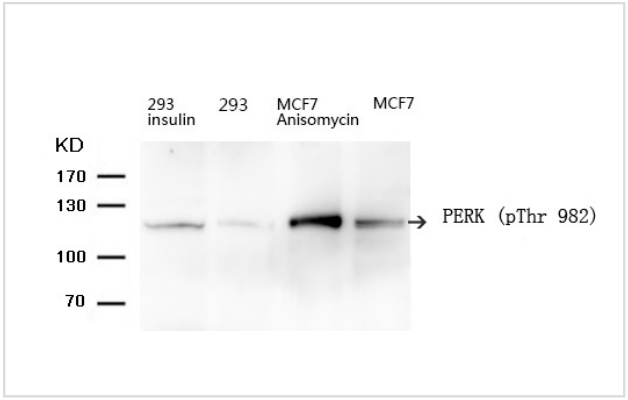
Description

Product Name	PERK (Phospho-Thr 982) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity purification using immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	p-PERK (Phospho-Thr 982) Antibody detects endogenous levels of total p-PERK at Thr 982.
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human PERK around the phosphorylation site of Thr982.
Conjugates	Unconjugated
Target Name	p-PERK (Phospho-Thr 982)
Modification	Phospho
Other Names	EIF2AK3, HRI, HsPEK, Pancreatic eIF2-alpha kinase, PEK, PERK, PKR-like ER kinase, WRS
Accession No.	Swiss-Prot#: Q9NZJ5NCBI Gene ID: 9451
Target Species	human
Calculated MW	125 kDa
Concentration	1.0mg/mL
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000-3000

Images



Western blot analysis of extracts from 293 cells,untreated or treated with insulin and MCF7 cells, untreated or treated with Anisomycin ,using PERK (Phospho-Thr 982) Antibody #12814

Published Papers

Kim HJ1, Joe Y1, Kim SK et al el at., Carbon monoxide protects against hepatic steatosis in mice by inducing sestrin-2 via the PERK-eIF2ðO -ATF4 pathway., Epub, 2017 Sep;110:81-91. doi: 10.1016/j.freeradbiomed.2017.05.026.(2017--31)

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el at., ή¬-Glutamylcysteine Alleviates Ischemic Stroke-Induced Neuronal Apoptosis by Inhibiting ROS-Mediated Endoplasmic Reticulum Stress. In Oxid Med Cell Longev on 2021 Nov 16 by Hui-Qin Li, Sheng-Nan Xia, et al..PMID:34824669, , (2021)

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el at., Malondialdehyde-Acetaldehyde Extracellular Matrix Protein Adducts Attenuate Unfolded Protein Response During Alcohol and Smokingβ Induced Pancreatitis. In Gastroenterology on 2022 Oct by Rakesh Bhatia, Christopher M Thompson, et al..PMID: 35788346, , (2022)

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