

PFKP Antibody

Catalog No: #36211

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

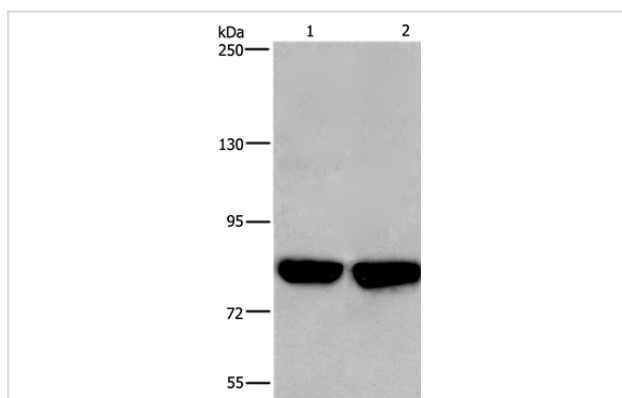
| | |
|-----------------------|---|
| Product Name | PFKP Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | WB IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total PFKP protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Fusion protein corresponding to residues near the C terminal of human phosphofructokinase, platelet |
| Target Name | PFKP |
| Other Names | PFKF; PFK-C |
| Accession No. | Swiss-Prot#: Q01813NCBI Gene ID: 5214Gene Accssion: BC002536 |
| Uniprot | Q01813 |
| GeneID | 5214; |
| SDS-PAGE MW | 86kd |
| Concentration | 1mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol. |
| Storage | Store at -20°C |

Application Details

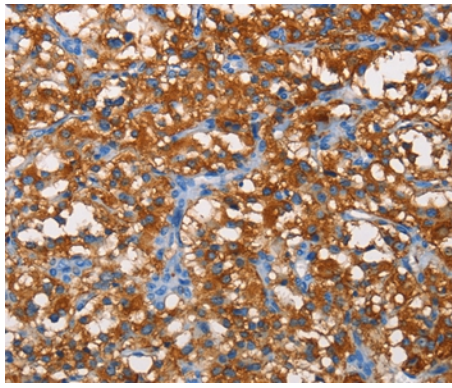
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 10%SDS-PAGE
Lysates (from left to right): HeLa and PC3 cell
Amount of lysate: 40ug per lane
Primary antibody: 1/500 dilution
Secondary antibody dilution: 1/8000
Exposure time: 3 seconds



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36211 at dilution 1/25.

Background

The PFKP gene encodes the platelet isoform of phosphofructokinase (PFK) (ATP:D-fructose-6-phosphate-1-phosphotransferase, EC 2.7.1.11). PFK catalyzes the irreversible conversion of fructose-6-phosphate to fructose-1,6-bisphosphate and is a key regulatory enzyme in glycolysis. The PFKP gene, which maps to chromosome 10p, is also expressed in fibroblasts. See also the muscle (PFKM; MIM 610681) and liver (PFKL; MIM 171860) isoforms of phosphofructokinase, which map to chromosomes 12q13 and 21q22, respectively. Vora (1981) [PubMed 6451249] determined that full tetrameric phosphofructokinase enzyme expressed in platelets can be composed of subunits P4, P3L, and P2L2

Note: This product is for in vitro research use only