

For Research Use Only

PTPRK Polyclonal antibody

Catalog Number: 28151-1-AP



Basic Information

Catalog Number: 28151-1-AP	GenBank Accession Number: BC140775	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 5796	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: protein tyrosine phosphatase, receptor type, K	
Isotype: IgG	Calculated MW: 1439 aa, 162 kDa	
Immunogen Catalog Number: AG27765	Observed MW: 100-120 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse spleen tissue, rat spleen tissue
Species Specificity: Human, mouse, rat	

Background Information

PTPRK (Protein Tyrosine Phosphatase Receptor Type Kappa), a member of the receptor-type protein tyrosine phosphatase family, is a transmembrane protein that regulates cell-cell contact. PTPRK is a 210 kDa precursor protein and converted by furin to a mature heterodimeric protein composed of a non-covalently attached amino-terminal extracellular subunit (E-subunit, 120 kDa) and carboxyl-terminal transmembrane subunit (P-subunit, 95 kDa) (PMID: 24882578, 16648485). Loss of PTPRK activity has been observed in pancreatic cancer, primary CNS lymphoma and melanoma, and is associated with poor survival of cancer patients, which suggest that PTPRK is a potential tumor suppressor (PMID: 23696788).

Storage

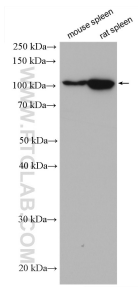
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28151-1-AP (PTPRK antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.