

For Research Use Only

PTPN4 Polyclonal antibody

Catalog Number: 11131-1-AP

2 Publications



Basic Information

Catalog Number:

11131-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1585

GenBank Accession Number:

BC010674

GeneID (NCBI):

5775

UNIPROT ID:

P29074

Full Name:

protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte)

Calculated MW:

106 kDa

Observed MW:

106 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, mouse

Background Information

PTPN4 is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This protein contains a C-terminal PTP domain and an N-terminal domain homologous to the band 4.1 superfamily of cytoskeletal-associated proteins. This PTP has been shown to interact with glutamate receptor delta 2 and epsilon subunits, and is thought to play a role in signalling downstream of the glutamate receptors through tyrosine dephosphorylation.

Notable Publications

Author	Pubmed ID	Journal	Application
Haihong Deng	39871962	J Inflamm Res	WB
Xinyang Zhao	38761175	Aging (Albany NY)	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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