

PTPN4 rabbit monoclonal antibody

Catalog # H00005775-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PTPN4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PTPN4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PTPN4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	<ol style="list-style-type: none">1. Customer may provide cell or tissue lysate for antibody screening.2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PTPN4

Entrez GeneID	5775
GeneBank Accession#	PTPN4
Gene Name	PTPN4
Gene Alias	PTPMEG, PTPMEG1
Gene Description	protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte)
Omim ID	176878
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene 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. [provided by RefSeq]</p>
Other Designations	PTPase-MEG1 megakaryocyte phosphatase megakaryocyte protein-tyrosine phosphatase protein tyrosine phosphatase MEG1 protein tyrosine phosphatase, non-receptor type 4