

Rabbit PTPN13 Polyclonal Antibody | anti-PTPN13 antibody

PTPN13 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280976	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

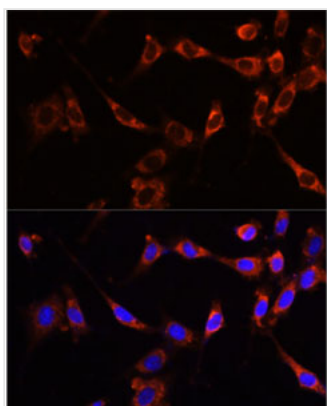
PRODUCT SYNONYMS

PTPN13; Polyclonal Antibody; PTPN13 Polyclonal Antibody; FAP-1; PNP1; PTP-BAS; PTP-BL; PTP1E; PTPL1; PTPLE; hPTP1E; tyrosine-protein phosphatase non-receptor type 13; anti-PTPN13 antibody

PRODUCT SPECIFICATIONS

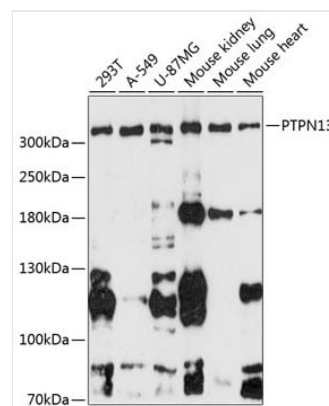
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-PTPN13 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Category	Polyclonal Antibodies
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 250-500 of human PTPN13 (NP_542416.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using PTPN13 Polyclonal Antibody (A13005) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PTPN13 antibody (AAA280976) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPN13 antibody	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP is a large intracellular protein. It has a catalytic PTP domain at its C-terminus and two major structural domains: a region with five PDZ domains and a FERM domain that binds to plasma membrane and cytoskeletal elements. This PTP was found to interact with, and dephosphorylate, Fas receptor and IkappaBalpha through the PDZ domains. This suggests it has a role in Fas mediated programmed cell death. This PTP was also shown to interact with GTPase-activating protein, and thus may function as a regulator of Rho signaling pathways. Four alternatively spliced transcript variants, which encode distinct proteins, have been reported.
Product Categories/Family for anti-PTPN13 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453992
NCBI GeneID	5783
NCBI Accession #	NP_006255.1
NCBI GenBank Nucleotide #	NM_006264.2
UniProt Accession #	Q12923; Q15159; Q15263; Q15264; Q15265; Q15674; Q16826; Q8IWH7; Q9NYN9; Q9UDA8; B2RTR0
Molecular Weight	Calculated: 255kDa; 274kDa; 276kDa; 277kDa Observed: 310kDa
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 13 isoform 2
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 13
NCBI Official Symbol	PTPN13
NCBI Official Synonym Symbols	PNP1; FAP-1; PTP1E; PTPL1; PTPLE; PTP-BL; hPTP1E; PTP-BAS
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 13
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 13
UniProt Gene Name	PTPN13
UniProt Synonym Gene Names	PNP1; PTP1E; PTPL1; FAP-1; PTP-E1; hPTPE1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ptpn13-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280976>