

Rabbit PTPN5 Polyclonal Antibody | anti-PTPN5 antibody

PTPN5 Rabbit pAb

CATALOG # AAA281667	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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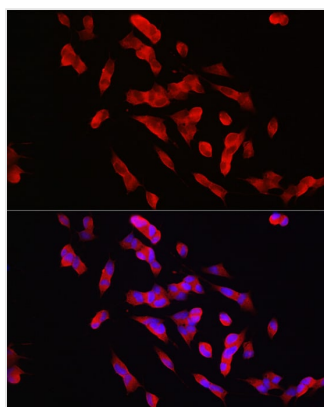
PRODUCT SYNONYMS

PTPN5; Polyclonal Antibody; PTPN5 Rabbit pAb; PTPSTEP; STEP; STEP61; anti-PTPN5 antibody

PRODUCT SPECIFICATIONS

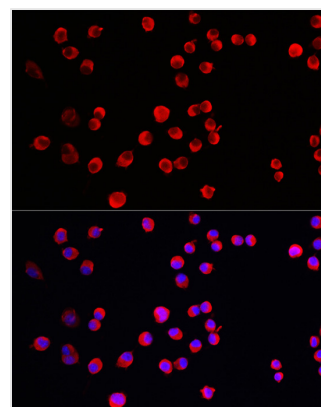
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	RGYGGEEKVY IATQGPIVST VADFWRMVWQ EHTPIIVMIT NIEEMNEKCT EYWPEEQVAY DGVEITVQKV IHTEDYRLRL ISKSGTEER GLKHYWFTSW PDQKTPDRAP PLLHLVREVE EAAQQEGPHC A
Applicable Applications for anti-PTPN5 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 360-490 of human PTPN5 (NP_116170.3).
Cellular Location	Endoplasmic reticulum membrane, Multi-pass membrane protein
Positive Samples	Mouse brain, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



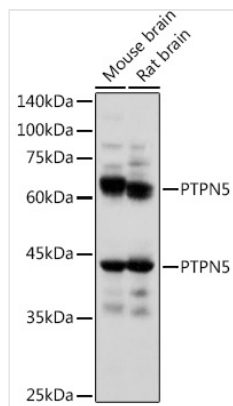
IF (Immunofluorescence)

Immunofluorescence analysis of SH-SY5Y cells using PTPN5 Rabbit pAb at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Neuro-2a cells using PTPN5 Rabbit pAb at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PTPN5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PTPN5 antibody	Immunology & Inflammation; Jak-Stat-IL-6 Receptor Signaling Pathway; Research; Neuroscience; Cell Type Marker; Neuron marker
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NCBI AND UNIPROT INFORMATION

NCBI GI #	90652861
NCBI GeneID	84867
NCBI Accession #	NP_001035059.1
NCBI GenBank Nucleotide #	NM_001039970.1
UniProt Accession #	P54829; Q6P1Z2; Q8N2A1; Q8NDP8; B3KXG7; B7Z386; B7ZAF5; D3DQY7
Molecular Weight	60,961 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 5 isoform b
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 5 (striatum-enriched)
NCBI Official Symbol	PTPN5
NCBI Official Synonym Symbols	STEP; PTPSTEP
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 5; neural-specific protein-tyrosine phosphatase; protein-tyrosine phosphatase striatum-enriched; striatum-enriched protein-tyrosine phosphatase
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 5
UniProt Gene Name	PTPN5
UniProt Synonym Gene Names	STEP
UniProt Entry Name	PTN5_HUMAN

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://stage.aaabiotech.com/polyclonal/ptpn5-antibody-immunofluorescence-western-blot-elisa/281667>