

Rabbit SH-PTP2 Polyclonal Antibody | anti-PTPN11 antibody

SH-PTP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288552	Rabbit	Human, mouse, rat	Immunohistochemistry, ELISA, Western Blot

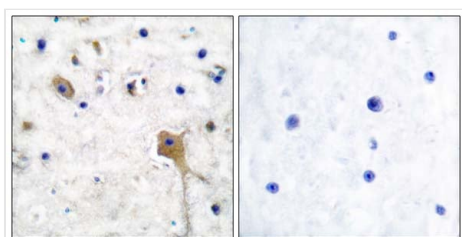
PRODUCT SYNONYMS

SH-PTP2; Polyclonal Antibody; SH-PTP2 Antibody; Tyrosine-protein phosphatase non-receptor type 11; Protein-tyrosine phosphatase 1D; PTP-1D; Protein-tyrosine phosphatase 2C; PTP-2C; SHP-2; Shp2; SH-PTP3; PTPN11; PTP2C; SHPTP2; anti-PTPN11 antibody

PRODUCT SPECIFICATIONS

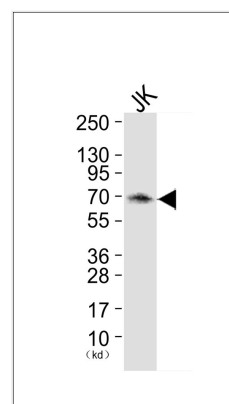
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	333-366
Sequence Length	593
Applicable Applications for anti-PTPN11 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



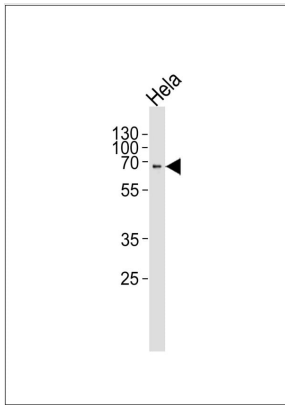
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain tissue using SH-PTP2 antibody.



WB (Western Blot)

Western blot analysis of extracts from JK cells (Lane 2), using SH-PTP2 Antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of lysates from 293, Hela cell line (from left to right), using SH-PTP2 Antibody (C0321). C0321 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPN11 antibody	Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus. Dephosphorylates ROCK2 at Tyr-722 resulting in stimulation of its RhoA binding activity.
Product Categories/Family for anti-PTPN11 antibody	Neuroscience ; Signal Transduction
References	Adachi M., et al. FEBS Lett. 314:335-339(1992). Freeman R.M. Jr., et al. Proc. Natl. Acad. Sci. U.S.A. 89:11239-11243(1992). Bastien L., et al. Biochem. Biophys. Res. Commun. 196:124-133(1993). Ahmad S., et al. Proc. Natl. Acad. Sci. U.S.A. 90:2197-2201(1993). Vogel W., et al. Science 259:1611-1614(1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	33356177
NCBI GeneID	5781
NCBI Accession #	NP_002825.3
NCBI GenBank Nucleotide #	NM_002834.3
UniProt Accession #	Q06124 ; Q96HD7 ; A8K1D9
Molecular Weight	68436
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 11 isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 11
NCBI Official Symbol	PTPN11
NCBI Official Synonym Symbols	CFC; NS1; SHP2; BPTP3; PTP2C; PTP-1D; SH-PTP2; SH-PTP3
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 11
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 11
UniProt Gene Name	PTPN11
UniProt Synonym Gene Names	PTP2C; SHPTP2; PTP-1D; PTP-2C; SHP-2; Shp2
UniProt Entry Name	PTN11_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/sh-ntp2-antibody-immunohistochemistry-western-blot-elisa/288552>