

Rabbit SH-PTP2 Polyclonal Antibody | anti-SH-PTP2 antibody

SH-PTP2 (phospho Tyr542) Polyclonal Antibody

CATALOG # AAA294017	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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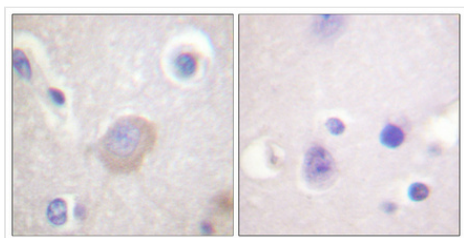
PRODUCT SYNONYMS

SH-PTP2; Polyclonal Antibody; SH-PTP2 (phospho Tyr542) Polyclonal Antibody; PTPN11; PTP2C; SHPTP2; Tyrosine-protein phosphatase non-receptor type 11; Protein-tyrosine phosphatase 1D; PTP-1D; Protein-tyrosine phosphatase 2C; PTP-2C; SHP-2; Shp2; SH-PTP3; anti-SH-PTP2 antibody

PRODUCT SPECIFICATIONS

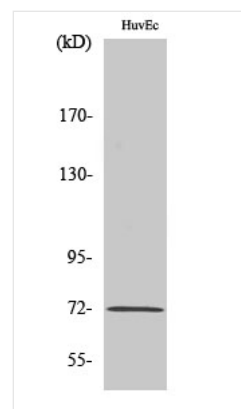
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-SH-PTP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-SH-PTP2 antibody

Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus. Positively regulates MAPK signal transduction pathway (PubMed:28074573). Dephosphorylates GAB1, ARHGAP35 and EGFR (PubMed:28074573). Dephosphorylates ROCK2 at 'Tyr-722' resulting in stimulation of its RhoA binding activity. Dephosphorylates CDC73 (PubMed:26742426).

NCBI AND UNIPROT INFORMATION

NCBI GI #	33356177
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NCBI GeneID	5781
NCBI Accession #	NP_002825.3
NCBI GenBank Nucleotide #	NM_002834.3
UniProt Accession #	Q06124; Q96HD7; A8K1D9
Molecular Weight	68,436 Da
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; PTP-2C; protein-tyrosine phosphatase 1D; protein-tyrosine phosphatase 2C
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/sh-ptp2-antibody-immunohistochemistry-western-blot-elisa/294017>