

Rabbit PTPN6-Y536 Antibody | anti-PTPN6 antibody

Phospho-PTPN6-Y536 Polyclonal Antibody

CATALOG # AAA37394	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry
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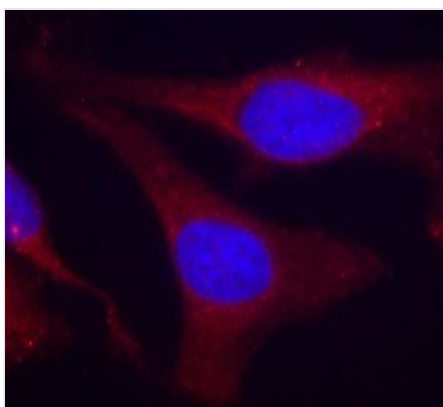
PRODUCT SYNONYMS

PTPN6-Y536; Phospho-PTPN6-Y536 Polyclonal Antibody; Phospho-PTPN6-Y536: HCP; HCPH; SHP1; SHP-1; HPTP1C; PTP-1C; SHP-1L; SH-PTP1; anti-PTPN6 antibody

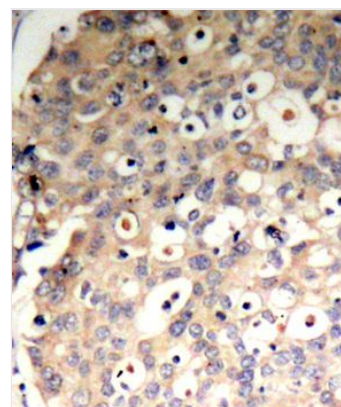
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	595
Applicable Applications for anti-PTPN6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Species	Human
Route	Synthetic Peptide
Immunogen	A phospho specific peptide corresponding to residues surrounding Y536 of human PTPN6
Calculated Molecular Weight	68kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES


IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-PTPN6-Y536 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast carcinoma tissue, using Phospho-PTPN6-Y536 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPN6 antibody	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. N-terminal part of this PTP contains two tandem Src homolog (SH2) domains, which act as protein phospho-tyrosine binding domains, and mediate the interaction of this PTP with its substrates. This PTP is expressed primarily in hematopoietic cells, and functions as an important regulator of multiple signaling pathways in hematopoietic cells. This PTP has been shown to interact with, and dephosphorylate a wide spectrum of phospho-proteins involved in hematopoietic cell signaling. Multiple alternatively spliced variants of this gene, which encode distinct isoforms, have been reported.
Product Categories/Family for anti-PTPN6 antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	131469
NCBI GeneID	5777
UniProt Accession #	P29350; Q969V8; Q9UK67; A8K306; G3V0F8
Molecular Weight	595
NCBI Official Full Name	Tyrosine-protein phosphatase non-receptor type 6
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 6
NCBI Official Symbol	PTPN6
NCBI Official Synonym Symbols	HCP; HCPH; SHP1; SHP-1; HPTP1C; PTP-1C; SHP-1L; SH-PTP1
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 6; hematopoietic cell phosphatase; protein-tyrosine phosphatase 1C; protein-tyrosine phosphatase SHP-1; hematopoietic cell protein-tyrosine phosphatase
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 6
UniProt Gene Name	PTPN6
UniProt Synonym Gene Names	HCP; PTP1C; PTP-1C
UniProt Entry Name	PTN6_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/rabbit-human-mouse-rat-antibody/ptpn6-y536/37394>