Rabbit anti-Human PTPN13 Polyclonal Antibody | anti-PTPN13 antibody

PTPN13 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168951	**Rabbit**	**Human**	**Immunohistochemistry, ELISA**

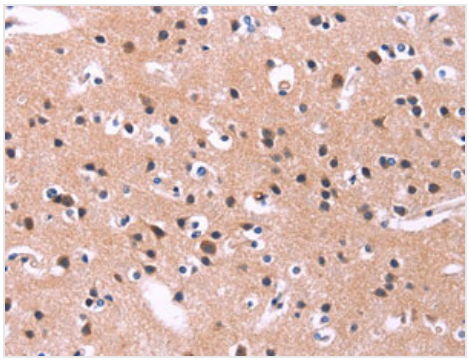
PRODUCT SYNONYMS

PTPN13; Polyclonal Antibody; PTPN13 Polyclonal Antibody; PNP1; FAP-1; PTP1E; PTPL1; PTPLE; PTP-BL; hPTP1E; PTP-BAS; anti-PTPN13 antibody

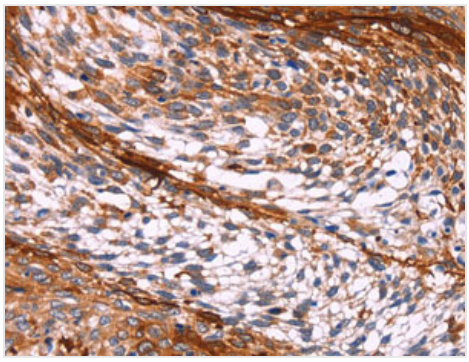
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide, 50% glycerol, PH7.3
Sequence Length	604
Applicable Applications for anti-PTPN13 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human PTPN13
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human brain tissue using PTPN13 Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PTPN13 Polyclonal Antibody at dilution 1:20

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	Cell biology; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	27469797
NCBI GeneID	5783
UniProt Accession #	Q12923; Q15159; Q15263; Q15264; Q15265; Q15674; Q16826; Q8IWH7; Q9NYN9; Q9UDA8; B2RTR0
NCBI Official Full Name	PTPN13 protein, partial
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase)
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; fas-associated protein-tyrosine phosphatase 1; hPTPE1; protein-tyrosine phosphatase 1E; protein-tyrosine phosphatase PTPL1
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
UniProt Entry Name	PTN13_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/ptpn13-antibody-immunohistochemistry-elisa/168951