

Rabbit anti-Human Perforin 1 Polyclonal Antibody | anti-P1 antibody

Perforin 1 Polyclonal Antibody

CATALOG # AAA173836	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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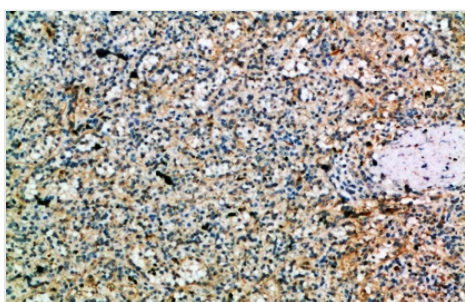
PRODUCT SYNONYMS

Perforin 1; Polyclonal Antibody; Perforin 1 Polyclonal Antibody; Perforin-1 (P1) (Cytolysin) (Lymphocyte pore-forming protein) (PFP); anti-P1 antibody

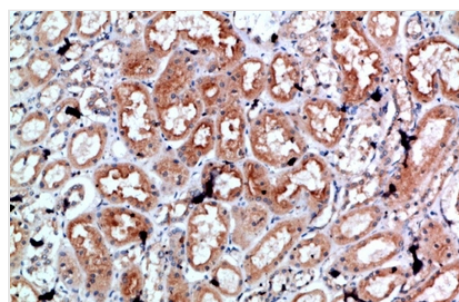
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	555
Applicable Applications for anti-P1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from Perforin 1
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

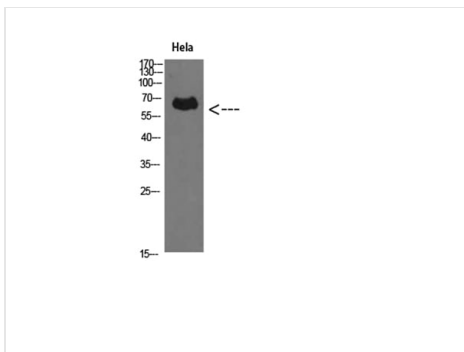
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human spleen tissue using Perforin 1 Polyclonal Antibody at dilution of 1:200.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human kidney tissue using Perforin 1 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of HeLa cells using Perforin 1 Polyclonal Antibody at dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-P1 antibody

PRF1 (Perforin 1) is a Protein Coding gene. Diseases associated with PRF1 include Hemophagocytic Lymphohistiocytosis, Familial, 2 and Lymphoma, Non-Hodgkin. Among its related pathways are Allograft rejection and Apoptosis and survival Caspase cascade. GO annotations related to this gene include calcium ion binding and wide pore channel activity. The protein encoded by this gene has structural and functional similarities to complement component 9 (C9). Like C9, this protein creates transmembrane tubules and is capable of lysing non-specifically a variety of target cells. This protein is one of the main cytolytic proteins of cytolytic granules, and it is known to be a key effector molecule for T-cell- and natural killer-cell-mediated cytotoxicity. Defects in this gene cause familial hemophagocytic lymphohistiocytosis type 2 (HPLH2), a rare and lethal autosomal recessive disorder of early childhood. Alternative splicing results in multiple transcript variants encoding the same protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	133908621
NCBI GeneID	5551
NCBI Accession #	NP_001076585.1
NCBI GenBank Nucleotide #	NM_001083116.2
UniProt Accession #	P14222 ; Q59F57 ; Q86WX7 ; B2R6X4
Molecular Weight	Calculated Molecular Weight: 61kDa Observed Molecular Weight: 61kDa
NCBI Official Full Name	perforin-1
NCBI Official Synonym Full Names	perforin 1
NCBI Official Symbol	PRF1
NCBI Official Synonym Symbols	P1; PFP; HPLH2
NCBI Protein Information	perforin-1
UniProt Protein Name	Perforin-1
UniProt Gene Name	PRF1
UniProt Synonym Gene Names	PFP; P1; PFP

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/perforin-1-antibody-immunohistochemistry-western-blot-elisa/173836>