

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

HPN Antibody (Center)

CATALOG # AAA284325	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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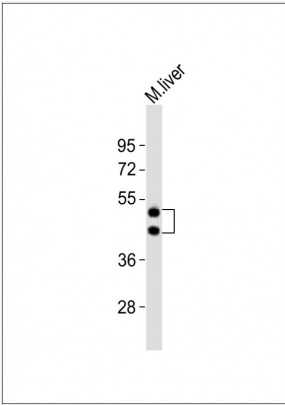
PRODUCT SYNONYMS

HPN; Polyclonal Antibody; HPN Antibody (Center); Serine protease hepsin; Transmembrane protease serine 1; Serine protease hepsin non-catalytic chain; Serine protease hepsin catalytic chain; TMPRSS1; anti-HPN antibody

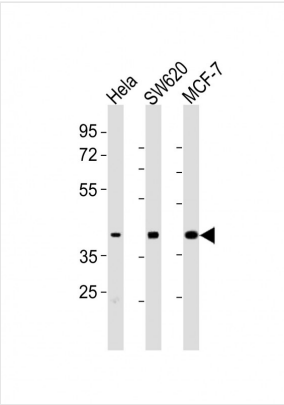
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HPN antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 153-188 amino acids from the Central region of human HPN.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	417
Applicable Applications for anti-HPN antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
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



WB (Western Blot)
Anti-HPN Antibody (Center)at 1:2000 dilution + mouse liver lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 45 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
All lanes : Anti-HPN Antibody (Center) at 1:2000 dilutionLane 1: HeLa whole cell lysatesLane 2: SW620 whole cell lysatesLane 3: MCF-7 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 45 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-HPN antibody	Plays an essential role in cell growth and maintenance of cell morphology. May mediate the activating cleavage of HGF and MST1/HGFL. Plays a role in the proteolytic processing of ACE2.
Product Categories/Family for anti-HPN antibody	Crown Antibodies; Cancer; Cell Biology; Metabolism; Neuroscience; Signal Transduction
References	Leytus S.P.,et al.Biochemistry 27:1067-1074(1988). Ota T.,et al.Nat. Genet. 36:40-45(2004). Tsuji A.,et al.J. Biol. Chem. 266:16948-16953(1991). Torres-Rosado A.,et al.Proc. Natl. Acad. Sci. U.S.A. 90:7181-7185(1993). Chen R.,et al.J. Proteome Res. 8:651-661(2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504481
NCBI GeneID	3249
NCBI Accession #	NP_002142.1
NCBI GenBank Nucleotide #	NM_002151.2
UniProt Accession #	P05981; B2RDS4
Molecular Weight	45011
NCBI Official Full Name	serine protease hepsin
NCBI Official Synonym Full Names	hepsin
NCBI Official Symbol	HPN
NCBI Official Synonym Symbols	TMPRSS1
NCBI Protein Information	serine protease hepsin
UniProt Protein Name	Serine protease hepsin
UniProt Gene Name	HPN
UniProt Synonym Gene Names	TMPRSS1
UniProt Entry Name	HEPS_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/hpn-antibody-western-blot-elisa/284325>