

MaxPab®

HPN purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003249-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HPN protein.
Immunogen	HPN (ABM83045.1, 1 a.a. ~ 417 a.a) full-length human protein.
Sequence	MAQKEGGRTVPCCSRPKVAALTAGTLLLLTAIGAASWAMAVLLRSDQEPLYPVQVSSADARLMV FDKTEGTWRLLCSSRSNARVAGLSCEEMGFLRALTHSELDVRTAGANGTSGFFCVDEGRLPHT QRLLEVISVCDCPRGRFLAAICQDCGRRKLPVDRIVGGRDTS�GRWPWQVSLRYDGAHLCGGSL LSGDWVLTAAHCFPERNRVLSRWRFAGAVAQASPHGLQLGVQAVVYHGGYLPFRDPNSEENS NDIALVHLSSPLPLTEYIQPVCLPAAGQALVDGKICTVTGWGNTQYYGQQAGVLQEARVPIISNDVC NGADFYGNQIKPKMFCAYPEGGIDACQGDSSGGPFVCEDSISRTPRWRLCGM/SWGTGCALAQK PGVYTKVSDFREWFQAIKTHSEASGMVTQL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — HPN

Entrez GeneID	3249
GeneBank Accession#	DQ892119.2
Protein Accession#	ABM83045.1
Gene Name	HPN
Gene Alias	TMPRSS1
Gene Description	hepsin
Omim ID	142440
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a type II transmembrane serine protease. The encoded protein has an extracellular region that consists of two domains, a catalytic serine protease domain and a non-catalytic scavenger receptor cysteine-rich domain. This protein may be involved in diverse cellular functions including blood coagulation, maintenance of cell morphology and the growth and progression of certain cancers, particularly prostate cancer. Alternative splicing results in multiple transcript variants
Other Designations	transmembrane protease, serine 1

Disease

- [Aneurysm](#)
- [Aortic Aneurysm](#)
- [Genetic Predisposition to Disease](#)
- [Intracranial Aneurysm](#)
- [Neoplasm Invasiveness](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Subarachnoid Hemorrhage](#)