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ARG56473
anti-Hepsin antibody

Package: 250 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Hepsin
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Hepsin
Species	Human
Immunogen	Synthetic peptide around aa. 241-260 of Human Hepsin. (GGYLPFRDPNSEENSNDIAL)
Conjugation	Un-conjugated
Alternate Names	Transmembrane protease serine 1; TMPRSS1; EC 3.4.21.106; Serine protease hepsin

Application Instructions

Application table

Application	Dilution
IHC-P	1:100 - 1:200
WB	1:200

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	TBS (pH 7.4) and 5 mg/ml BSA.
Stabilizer	5 mg/ml BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 3249 Human

	Swiss-port # P05981 Human
Gene Symbol	HPN
Gene Full Name	hepsin
Background	This gene encodes a type II transmembrane serine protease that may be involved in diverse cellular functions, including blood coagulation and the maintenance of cell morphology. Expression of the encoded protein is associated with the growth and progression of cancers, particularly prostate cancer. The protein is cleaved into a catalytic serine protease chain and a non-catalytic scavenger receptor cysteine-rich chain, which associate via a single disulfide bond. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]
Function	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. [UniProt]
Calculated Mw	45 kDa