

Immunotag™ HEPS Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2243
Product Description	Immunotag™ HEPS Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	HEPS
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 350-430
Specificity	HEPS Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	HPN Tmprss1
Accession No.	P05981 O35453 Q05511

Antibody Specification

Description	hepsin(HPN) Homo sapiens 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],
Protein Expression	Liver,Mammary gland,Pancreas,Spleen,
Subcellular Localization	endoplasmic reticulum membrane,plasma membrane,integral component of plasma membrane,cell-cell junction,cell surface,membrane,integral component of membrane,apical plasma membrane,nuclear membrane,neuronal cell body,extracellular exosome,
Protein Function	catalytic activity:Cleavage after basic amino-acid residues, with Arg strongly preferred to Lys.,function:Plays an essential role in cell growth and maintenance of cell morphology.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 1 SRCR domain.,tissue specificity:Present in most tissues, with the highest level in liver.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.