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ITIH1 Rabbit pAb

Catalog # AP97429

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P19827
Other Accession	P19827
Reactivity	Human
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	101389
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ITIH1
Epitope Specificity	195-290/911
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ITIH family.Contains 1 VIT domain.Contains 1 VWFA domain.
SUBUNIT	I-alpha-I plasma protease inhibitors are assembled from one or two heavy chains (H1, H2 or H3) and one light chain, bikunin. Inter-alpha-inhibitor (I-alpha-I) is composed of H1, H2 and bikunin, inter-alpha-like inhibitor (I-alpha-LI) of H2 and bikunin, and pre-alpha-inhibitor (P-alpha-I) of H3 and bikunin.
Post-translational modifications	Heavy chains are linked to bikunin via chondroitin 4-sulfate esterified to the alpha-carboxyl of the C-terminal aspartate after propeptide cleavage. The S-linked glycan is composed of two 6-carbon sugars, possibly Glc or Gal.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	May act as a carrier of hyaluronan in serum or as a binding protein between hyaluronan and other matrix protein, including those on cell surfaces in tissues to regulate the localization, synthesis and degradation of hyaluronan which are essential to cells undergoing biological processes. Contains a potential peptide which could stimulate a broad spectrum of phagocytotic cells.

Additional Information

Gene ID	3697
Other Names	H1P; IATIH; IGHEP1; ITI-HC1; ITIH; SHAP; ITIH1_HUMAN; ITIH1; ITI heavy chain H1; Inter-alpha-inhibitor heavy chain 1; Inter-alpha-trypsin inhibitor complex component III; Serum-derived hyaluronan-associated protein (SHAP); inter-alpha-trypsin inhibitor heavy chain 1; inter-alpha (globulin) inhibitor, H1 polypeptide
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ITIH1
Synonyms	IGHEP1
Function	May act as a carrier of hyaluronan in serum or as a binding protein between hyaluronan and other matrix protein, including those on cell surfaces in tissues to regulate the localization, synthesis and degradation of hyaluronan which are essential to cells undergoing biological processes.
Cellular Location	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.