

Rabbit Anti-ITIH1/Cy5 Conjugated antibody

SL7018R-Cy5

Product Name	Anti-ITIH1/Cy5
Chinese Name	Cy5 标记的衍生透明质酸相关蛋白抗体
Alias	ITIH; H1P; Inter alpha trypsin inhibitor heavy chain H1; Inter-alpha-inhibitor heavy chain 1; Inter-alpha-trypsin inhibitor complex component III; Inter-alpha-trypsin inhibitor heavy chain H1; ITI heavy chain H1; ITI-HC1; ITIH1; ITIH1_HUMAN; Serum-derived hyaluronan-associated protein; SHAP.
Research Area	Cell biology Cell Surface Molecule
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	71kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human ITIH1
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: 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.

Function:

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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.

Subcellular Location:

Secreted.

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.

Similarity:

Belongs to the ITIH family.

Contains 1 VIT domain.

Contains 1 VWFA domain.

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.