

Rabbit anti-Human ITIH1 Polyclonal Antibody | anti-ITIH1 antibody

ITIH1 Antibody (Center)

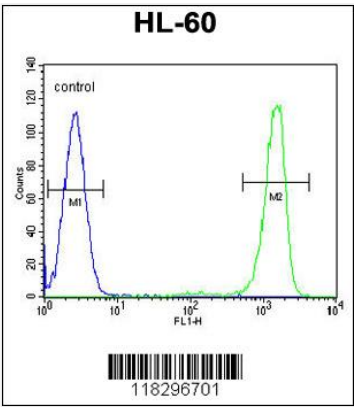
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290250	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

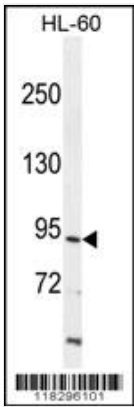
ITIH1; Polyclonal Antibody; ITIH1 Antibody (Center); Inter-alpha-trypsin inhibitor heavy chain H1; ITI heavy chain H1; ITI-HC1; Inter-alpha-inhibitor heavy chain 1; Inter-alpha-trypsin inhibitor complex component III; Serum-derived hyaluronan-associated protein; SHAP; IGHEP1; anti-ITIH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ITIH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 606-635 amino acids from the Central region of human ITIH1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	606-635
Sequence Length	623
Applicable Applications for anti-ITIH1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ITI1H1 Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
ITI1H1 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the ITI1H1 antibody detected the ITI1H1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ITI1H1 antibody	The protein encoded by this gene is the heavy chain of a serine protease inhibitor that may serve to carry hyaluronan in plasma. This gene is part of a cluster of similar genes on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ITI1H1 antibody	Cell Biology
References	So, H.C., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (1), 103-113 (2010) : Scott, L.J., et al. Proc. Natl. Acad. Sci. U.S.A. 106(18):7501-7506(2009) Hamm, A., et al. BMC Cancer 8, 25 (2008) : Scarchilli, L., et al. J. Biol. Chem. 282(41):30161-30170(2007) Bunkenborg, J., et al. Proteomics 4(2):454-465(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	261878614
NCBI GeneID	3697
NCBI Accession #	NP_001159906.1; NP_001159907.1; NP_002206.2
NCBI GenBank Nucleotide #	NM_001166434.2
UniProt Accession #	P19827; P78455; Q01746; Q562G1; A8K9N5; B2RAH9; B7Z558; B7Z8C0; F5H165; F5H7Y8
Molecular Weight	101389
NCBI Official Full Name	inter-alpha-trypsin inhibitor heavy chain H1 isoform b
NCBI Official Synonym Full Names	inter-alpha-trypsin inhibitor heavy chain 1
NCBI Official Symbol	ITI1H1
NCBI Official Synonym Symbols	H1P; ITIH; SHAP; IATI1H; IGHEP1; ITI-HC1
NCBI Protein Information	inter-alpha-trypsin inhibitor heavy chain H1
UniProt Protein Name	Inter-alpha-trypsin inhibitor heavy chain H1
UniProt Gene Name	ITI1H1

UniProt Synonym Gene Names	IGHEP1; ITI heavy chain H1; ITI-HC1; Inter-alpha-inhibitor heavy chain 1; SHAP
UniProt Entry Name	ITIH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/itih1-antibody-flow-cytometry-western-blot-elisa/290250>