

Rabbit anti-Human ITIH5 Polyclonal Antibody | anti-ITIH5 antibody

ITIH5 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289287	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

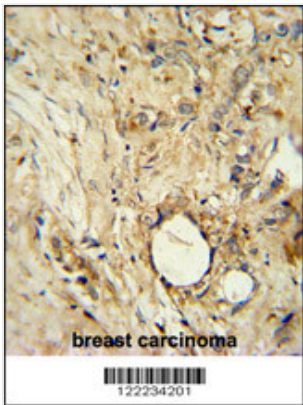
PRODUCT SYNONYMS

ITIH5; Polyclonal Antibody; ITIH5 Antibody (C-term); Inter-alpha-trypsin inhibitor heavy chain H5; ITI heavy chain H5; ITI-HC5; Inter-alpha-inhibitor heavy chain 5; KIAA1953; anti-ITIH5 antibody

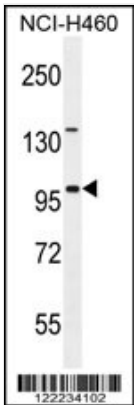
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ITIH5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 578-606 amino acids from the C-terminal region of human ITIH5.
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: 0.5 (varies by lot)
Sequence Positions	578-606
Sequence Length	702
Applicable Applications for anti-ITIH5 antibody	IHC (Immunohistochemistry), 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.

IMAGES



IHC (Immunohiostchemistry)
ITI15 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ITIH5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ITI15 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the ITIH5 antibody detected the ITIH5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ITIH5 antibody	This gene encodes a heavy chain component of one of the inter-alpha-trypsin inhibitor (ITI) family members. ITI proteins are involved in extracellular matrix stabilization and in the prevention of tumor metastasis. They are also structurally related plasma serine protease inhibitors and are composed of a light chain and varying numbers of heavy chains. This family member is thought to function as a tumor suppressor in breast and thyroid cancers. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-ITIH5 antibody	Cancer; Cell biology
References	Pita, J.M., et al. Br. J. Cancer 101(10):1782-1791(2009) Veeck, J., et al. Pathologie 29 SUPPL 2, 338-346 (2008) : Veeck, J., et al. Oncogene 27(6):865-876(2008) Hamm, A., et al. BMC Cancer 8, 25 (2008) : Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	49355778
NCBI GeneID	80760
NCBI Accession #	NP_001001851.1; NP_085046.5
NCBI GenBank Nucleotide #	NM_001001851.2
UniProt Accession #	Q86UX2; Q5T664; Q5T665; Q5T666; Q6AI60; Q6UXB7; Q8TF48; Q8WYV2; Q96K70
Molecular Weight	104576
NCBI Official Full Name	inter-alpha-trypsin inhibitor heavy chain H5 isoform 3
NCBI Official Synonym Full Names	inter-alpha-trypsin inhibitor heavy chain family, member 5
NCBI Official Symbol	ITIH5
NCBI Official Synonym Symbols	ITI-HC5; PP14776
NCBI Protein Information	inter-alpha-trypsin inhibitor heavy chain H5

UniProt Protein Name	Inter-alpha-trypsin inhibitor heavy chain H5
UniProt Gene Name	ITIH5
UniProt Synonym Gene Names	KIAA1953; ITI heavy chain H5; ITI-HC5; Inter-alpha-inhibitor heavy chain 5
UniProt Entry Name	ITIH5_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/itih5-antibody-immunohistochemistry-western-blot-elisa/289287>