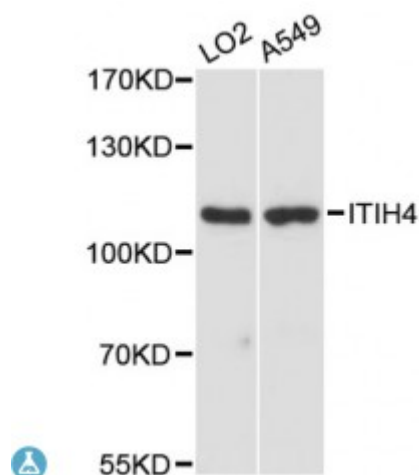


Anti-ITIH4 Antibody



Description

The protein encoded by this gene is secreted into the blood, where it is cleaved by plasma kallikrein into two smaller forms. Expression of this gene has been detected only in liver, and it seems to be upregulated during surgical trauma. This gene is part of a cluster of similar genes on chromosome 3. Two transcript variants encoding different isoforms have been found for this gene.

Model	STJ114673
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 689-930 of human ITIH4 (NP_002209.2).
Gene ID	3700
Gene Symbol	ITIH4
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Liver specific
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Inter-alpha-trypsin inhibitor heavy chain H4 ITI heavy chain H4 ITI-HC4 Inter-alpha-inhibitor heavy chain 4 Inter-alpha-trypsin inhibitor family heavy chain-related protein IHRP Plasma kallikrein sensitive glycoprotein

Molecular Weight	103.357 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6169OMIM:600564Reactome:R-HSA-114608
Alternative Names	Inter-alpha-trypsin inhibitor heavy chain H4 ITI heavy chain H4 ITI-HC4 Inter-alpha-inhibitor heavy chain 4 Inter-alpha-trypsin inhibitor family heavy chain-related protein IHRP Plasma kallikrein sensitive glycoprotein
Function	Type II acute-phase protein (APP) involved in inflammatory responses to trauma, May also play a role in liver development or regeneration,
Cellular Localization	Secreted
Post-translational Modifications	Cleaved by plasma kallikrein to yield 100 kDa and 35 kDa fragments, and the resulting 100 kDa fragment is further converted to a 70 kDa fragment

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