

ARG64782 anti-ITIH4 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ITIH4
Tested Reactivity	Hu
Tested Application	IHC-P
Specificity	The immunizing peptide represents a region of the 35kDa chain. This chain is glycosylated giving rise to an apparent higher molecular weight.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ITIH4
Species	Human
Immunogen	ERLCVDPRHRQGPVN
Conjugation	Un-conjugated
Alternate Names	PK-120; PK120; Inter-alpha-inhibitor heavy chain 4; Gp120; H4P; GP120; Inter-alpha-trypsin inhibitor family heavy chain-related protein; Inter-alpha-trypsin inhibitor heavy chain H4; IHRP; ITIHL1; Plasma kallikrein sensitive glycoprotein 120; ITI heavy chain H4; ITI-HC4

Application Instructions

Application table	Application	Dilution
	IHC-P	4 - 6 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 3700 Human](#)

[Swiss-port # Q14624 Human](#)

Background

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. [provided by RefSeq, Oct 2009]

Research Area

Cell Biology and Cellular Response antibody; Immune System antibody

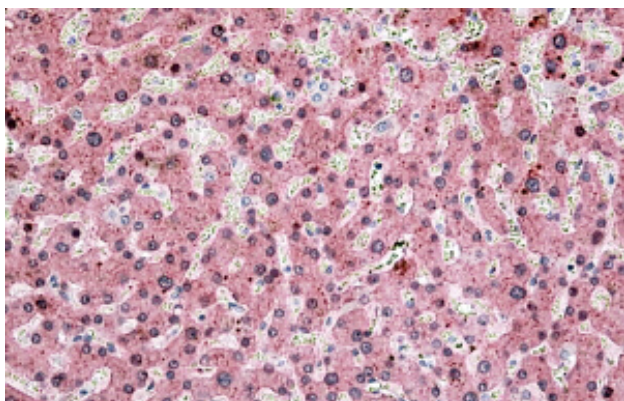
Calculated Mw

103 kDa

PTM

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.
N- and O-glycosylated. In urine, O-linked glycosylation on threonine residues in the region from Thr-719 to Thr-725 consists of core 1 or possibly core 8 glycans. Mainly Hex(HexNAc)(2), but also some Hex(3)(HexNAc)(3). N-glycosylated but not O-glycosylated in plasma.

Images



ARG64782 anti-ITI4 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Liver. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64782 anti-ITI4 antibody at 3.8 µg/ml dilution followed by AP-staining.