

## Cleaved-ITI-H4 70k (R661) rabbit pAb

Cat No.: ES5959

For research use only

## Overview

Product Name Cleaved-ITI-H4 70k (R661) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

**Species Cross-Reactivity** Human;Rat;Mouse;

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human ITIH4. AA

range:612-661

Specificity Cleaved-ITI-H4 70k (R661) Polyclonal Antibody

detects endogenous levels of fragment of activated ITI-H4 70k protein resulting from cleavage adjacent

to R661.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Inter-alpha-trypsin inhibitor heavy chain H4

Gene Name ITIH4
Cellular localization Secreted.

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

**Observed band** 

Human Gene ID 3700 Human Swiss-Prot Number Q14624

Alternative Names ITIH4; IHRP; ITIHL1; PK120; 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



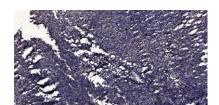
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**Background** 

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],



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

