

A10833

Leader in Biomolecular Solutions for Life Science



# ITIH1 Rabbit pAb

Catalog No.: A10833

## Basic Information

### Observed MW

115kDa

### Calculated MW

76kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

## Background

This gene encodes a member of the inter-alpha-trypsin inhibitor family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the heavy chain of the inter-alpha-trypsin inhibitor complex, which is secreted by hepatocytes into the blood. The heavy chain also interacts with hyaluronan, and this interaction may play a role in ovulation and fertilization, and has been implicated in multiple inflammatory diseases. This gene is present in a gene cluster on chromosome 3.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3697

### Swiss Prot

P19827

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 530-670 of human ITIH1 (NP\_002206.2).

### Synonyms

H1P; ITIH; SHAP; IATIH; IGHEP1; ITI-HC1; ITIH1

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

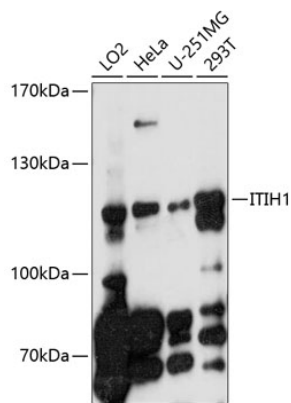
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates using ITIH1 Rabbit pAb (A10833) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.