



Datasheet for ABIN2787976  
**anti-ITIH1 antibody (C-Term)**



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2 Images

Overview

Quantity:	100 µL
Target:	ITIH1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig, Guinea Pig, Horse, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITIH1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ITIH1
Sequence:	VSDIHPGSDP TKPDATMVVR NRRLTVTRGL QKDYSKDPWH GAEVSCWFIH
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 92%, Pig: 100%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ITIH1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ITIH1
Alternative Name:	ITIH1 ( <a href="#">ITIH1 Products</a> )

## Target Details

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Background:	<p>The protein encoded by this gene is the heavy chain of a serine protease inhibitor that may serve to carry hyaluronan in plasma. This gene is part of a cluster of similar genes on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: H1P, IATIH, IGHEP1, ITIH, MGC126415, SHAP, ITI-HC1</p> <p>Protein Interaction Partner: FN1, ALB, PIK3CA,</p> <p>Protein Size: 769</p>
Molecular Weight:	86 kDa
Gene ID:	3697
NCBI Accession:	<a href="#">NM_001166434</a> , <a href="#">NP_001159906</a>
UniProt:	<a href="#">B7Z558</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 769 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

**Image 1. WB Suggested Anti-ITIH1 Antibody Titration:** 0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** HepG2 cell lysate



Rabbit Anti-ITIH1 Antibody  
Catalog Number: ARP59204  
Lot Number: QC30105  
Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

### Western Blotting

**Image 2. WB Suggested Anti-ITIH1**

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: HepG2 cell lysate