

Anti-ITIH1/SHAP antibody ab70048

[5 References](#) [1 Image](#)

Overview

Product name	Anti-ITIH1/SHAP antibody
Description	Mouse polyclonal to ITIH1/SHAP
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein within Human ITIH1/SHAP. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: NP_002206.1
Positive control	ITIH1/SHAP transfected 293T cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Constituent: 100% PBS
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab70048 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 102 kDa (predicted molecular weight: 102 kDa).

Target

Function

May act as a carrier of hyaluronan in serum or as a binding protein between hyaluronan and other matrix protein, including those on cell surfaces in tissues to regulate the localization, synthesis and degradation of hyaluronan which are essential to cells undergoing biological processes. Contains a potential peptide which could stimulate a broad spectrum of phagocytotic cells.

Sequence similarities

Belongs to the ITIH family.
Contains 1 VIT domain.
Contains 1 VWFA domain.

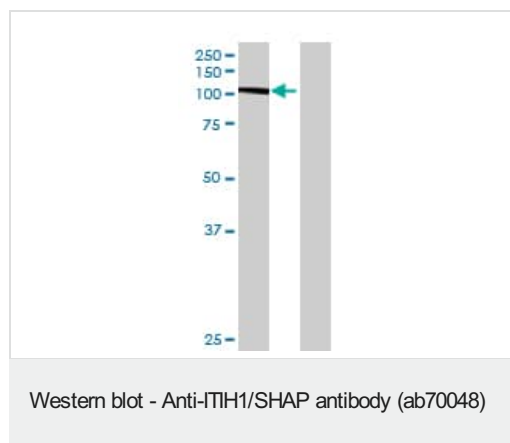
Post-translational modifications

Heavy chains are linked to bikunin via chondroitin 4-sulfate esterified to the alpha-carboxyl of the C-terminal aspartate after propeptide cleavage.
The S-linked glycan is composed of two 6-carbon sugars, possibly Glc or Gal.

Cellular localization

Secreted.

Images



All lanes : Anti-ITIH1/SHAP antibody (ab70048) at 1/500 dilution

Lane 1 : ITIH1/SHAP transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

Lane 1 : Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

Lane 2 : Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

Predicted band size: 102 kDa

Observed band size: 102 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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