




Anti-ITIH1/SHAP antibody ab110822

4 图像

概述

产品名称	Anti-ITIH1/SHAP抗体
描述	兔多克隆抗体to ITIH1/SHAP
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Chimpanzee 
免疫原	Synthetic peptide corresponding to ITIH1/SHAP.  Run BLAST with ExPASy  Run BLAST with NCBI
阳性对照	Recombinant Human ITIH1/SHAP protein (ab114721) can be used as a positive control in WB. Human OA chondrocyte tissue, mouse OA periosteum tissue ICC/IF: HepG2 cells
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

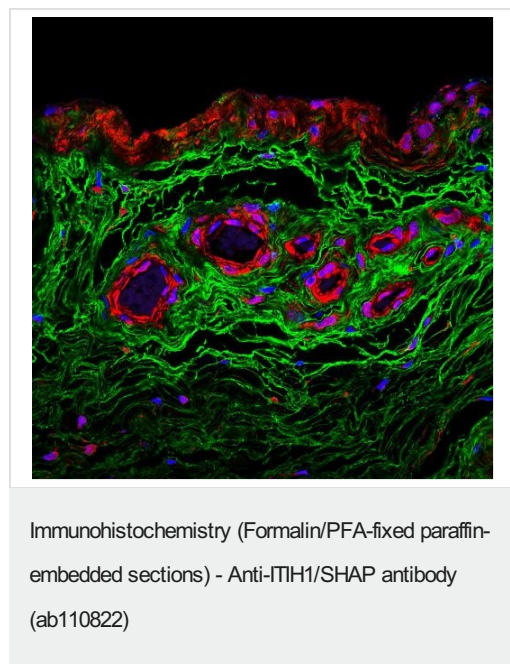
The Abpromise guarantee**Abpromise™**承诺保证使用ab110822于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

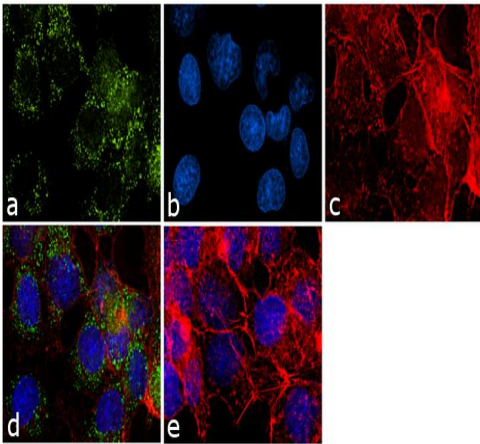
应用	Ab评论	说明
ICC/IF		Use a concentration of 2 µg/ml.
IHC-P		Use at an assay dependent concentration.

靶标

功能	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.
序列相似性	Belongs to the ITIH family. Contains 1 VIT domain. Contains 1 VWFA domain.
翻译后修饰	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.
细胞定位	Secreted.

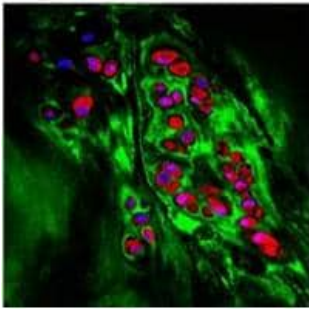
图片

ab110822 staining ITIH1/SHAP in Human OA chondrocyte tissue by Immunohistochemistry Formalin-fixed, Paraffin-embedded tissue. ITIH1/SHAP is stained in red, hyaluronan in green, and the nuclei in blue.



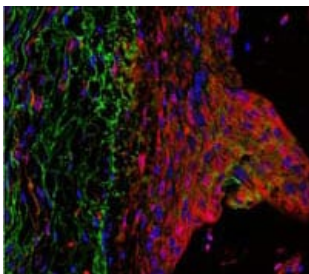
Immunocytochemistry/ Immunofluorescence - Anti-ITIH1/SHAP antibody (ab110822)

Immunofluorescence analysis of ITIH1 was performed using 70% confluent log phase HepG2 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with ab110822 at 2µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (H+L) Alexa Fluor® 488 conjugate at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with DAPI. F-actin (Panel c: red) was stained with Rhodamine Phalloidin (1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ITIH1/SHAP antibody (ab110822)

ab110822 staining ITIH1/SHAP in Human OA chondrocyte tissue by Immunohistochemistry Formalin-fixed, Paraffin-embedded tissue. ITIH1/SHAP is stained in red, hyaluronan in green, and the nuclei in blue.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ITIH1/SHAP antibody (ab110822)

ab110822 staining ITIH1/SHAP in Mouse OA periosteum tissue by Immunohistochemistry Formalin-fixed, Paraffin-embedded tissue. ITIH1/SHAP is stained in red, hyaluronan in green, and the nuclei in blue.

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