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ITIH2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6712b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	P19823
Other Accession	O02668
Reactivity	Human
Predicted	Pig, Mouse, Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB18298
Calculated MW	106463
Antigen Region	858-886

Additional Information

Gene ID	3698
Other Names	Inter-alpha-trypsin inhibitor heavy chain H2, ITI heavy chain H2, ITI-HC2, Inter-alpha-inhibitor heavy chain 2, Inter-alpha-trypsin inhibitor complex component II, Serum-derived hyaluronan-associated protein, SHAP, ITIH2, IGHEP2
Target/Specificity	This ITIH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 858-886 amino acids from the C-terminal region of human ITIH2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ITIH2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ITIH2

Synonyms	IGHEP2
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.
Cellular Location	Secreted.
Tissue Location	Plasma.

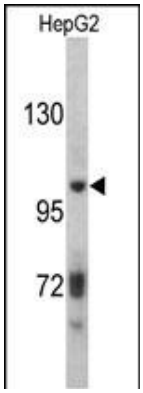
Background

ITIH2 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.

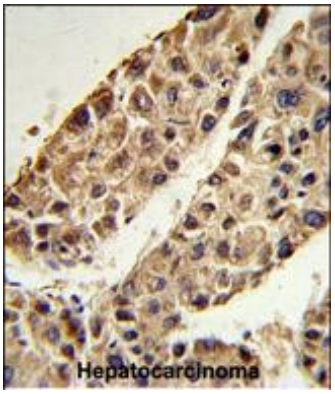
References

Obayashi,Y., Oncol. Rep. 19 (5), 1245-1251 (2008)
Kishida,T., Connect. Tissue Res. 49 (2), 105-108 (2008)

Images

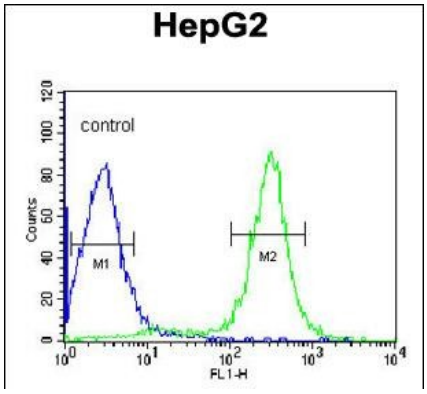


Western blot analysis of ITIH2 antibody (C-term) (Cat. #AP6712b) in HepG2 cell line lysates (35ug/lane). ITIH2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with ITIH2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ITIH2 Antibody (C-term) (Cat. #AP6712b) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.