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Anti-ITIHC2 Antibody

Catalog # AP51965

Product Information

Application	WB, IF/IC
Primary Accession	P19823
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106463

Additional Information

Gene ID	3698
Other Names	IGHEP2; 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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ITIHC2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

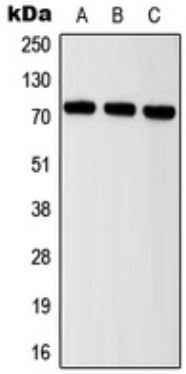
Protein Information

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.

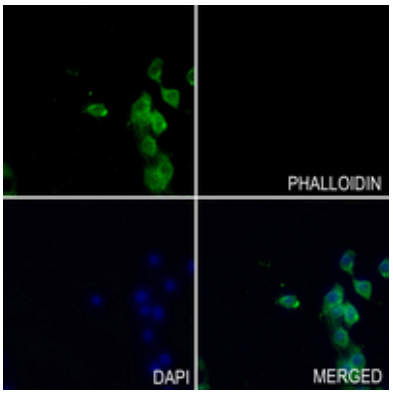
References

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Images



Western blot analysis of ITIHC2 expression in MCF7 (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 106 kD; Observed band size: 72 kD)



Immunofluorescent analysis of ITIH2 staining in C6 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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