10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ITIHC4 Antibody

Catalog # AP61349

Product Information

Application	WB, IF/IC
Primary Accession	Q14624
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103357

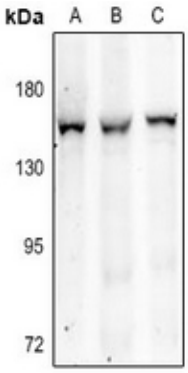
Additional Information

Gene ID	3700
Other Names	IHCRP; ITIHCL1; PK120; Inter-alpha-trypsin inhibitor heavy chain H4; ITI heavy chain H4; ITI-HC4; Inter-alpha-inhibitor heavy chain 4; Inter-alpha-trypsin inhibitor family heavy chain-related protein; IHCRP; Plasma kallikrein sensitive glycoprotein 120; Gp120; PK-120
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ITIHC4. 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

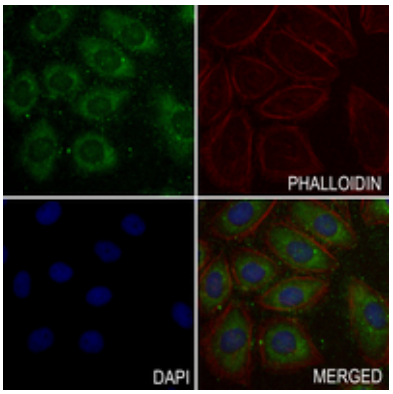
Protein Information

Name	ITIH4
Synonyms	IHRP, ITIHL1, PK120
Function	Type II acute-phase protein (APP) involved in inflammatory responses to trauma. May also play a role in liver development or regeneration.
Cellular Location	Secreted.
Tissue Location	Liver specific.

Images



Western blot analysis of ITIHC4 expression in rat liver (A), HepG2 (B), H1792 (C) whole cell lysates. (Predicted band size: 103 kD; Observed band size: 150 kD)



Immunofluorescent analysis of ITIH4 staining in A549 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'.