

# ITIH4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22074b

## Product Information

---

Application	WB, FC, E
Primary Accession	<a href="#">Q14624</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55339
Calculated MW	103357

## Additional Information

---

Gene ID	3700
Other Names	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, IHRP, Plasma kallikrein sensitive glycoprotein 120, Gp120, PK-120, 70 kDa inter-alpha-trypsin inhibitor heavy chain H4, 35 kDa inter-alpha-trypsin inhibitor heavy chain H4, ITIH4, IHRP, ITIHL1, PK120
Target/Specificity	This ITIH4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 885-917 amino acids from human ITIH4.
Dilution	WB~~1:2000 FC~~1:25 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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	ITIH4 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

Name	ITIH4
Synonyms	IHRP, ITIHL1, PK120

<b>Function</b>	Type II acute-phase protein (APP) involved in inflammatory responses to trauma. May also play a role in liver development or regeneration.
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Liver specific.

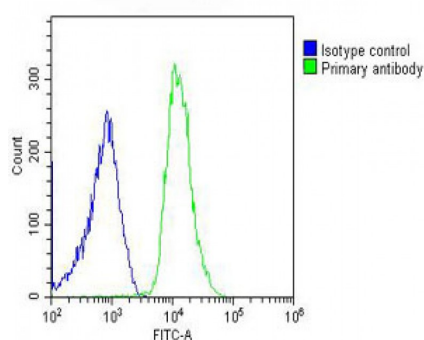
## Background

Type II acute-phase protein (APP) involved in inflammatory responses to trauma. May also play a role in liver development or regeneration.

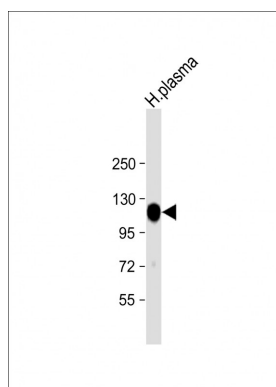
## References

Nishimura H.,et al.FEBS Lett. 357:207-211(1995).  
 Saguchi K.,et al.J. Biochem. 117:14-18(1995).  
 Saguchi K.,et al.J. Biochem. 119:898-905(1996).  
 Ota T.,et al.Nat. Genet. 36:40-45(2004).  
 Kroczyńska B.,et al.Biochem. Biophys. Res. Commun. 338:1467-1477(2005).

## Images



Overlay histogram showing U-2OS cells stained with AP22074b (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP22074b, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10, 000 events was performed.



Anti-ITI4 Antibody (C-Term) at 1:2000 dilution + human plasma lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 103 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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