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Datasheet for ABIN6242972 anti-ITIH4 antibody (AA 885-917)

2 Images



Overview

Quantity:	200 µL
Target:	ITIH4
Binding Specificity:	AA 885-917
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITIH4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This ITIH4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 885-917 amino acids from human ITIH4.
Clone:	RB55339
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

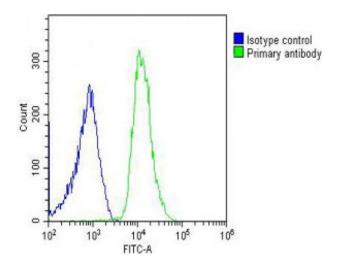
Target Details

Target:	ITIH4
Alternative Name:	ITIH4 (ITIH4 Products)
Background:	Type II acute-phase protein (APP) involved in inflammatory responses to trauma. May also play

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Target Details	
	a role in liver development or regeneration.
Molecular Weight:	103357
UniProt:	Q14624
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



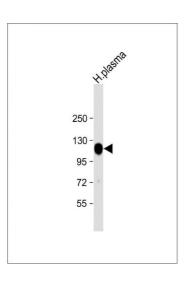
Flow Cytometry

Image 1. Overlay histogram showing U-2OS cells stained with (ABIN6242972 and ABIN6578632) (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6242972 and ABIN6578632), 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 (1 μ g/1x10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.

Western Blotting

Image 2. Anti-ITIH4 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.



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