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Datasheet for ABIN7156517
anti-ITIH4 antibody (AA 689-930)

2 Images

Overview

Quantity:	100 µg
Target:	ITIH4
Binding Specificity:	AA 689-930
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITIH4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Inter-alpha-trypsin inhibitor heavy chain H4 protein (689-930AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

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

Target Details

Aliases: 35 kDa inter-alpha-trypsin inhibitor heavy chain H4 antibody, gp120 antibody, H4P antibody, IHRP antibody, Inter-alpha-inhibitor heavy chain 4 antibody, Inter-alpha-trypsin inhibitor family heavy chain-related protein antibody, Inter-alpha-trypsin inhibitor heavy chain H4 antibody, inter-alpha-trypsin inhibitor, heavy chain-like, 1 antibody, ITI heavy chain H4 antibody, ITI-HC4 antibody, ITIH4 antibody, ITIH4_HUMAN antibody, ITIHL1 antibody, OTTHUMP00000197120 antibody, OTTHUMP00000197121 antibody, OTTHUMP00000213834 antibody, OTTHUMP00000213869 antibody, PK-120 antibody, PK120 antibody, Plasma kallikrein sensitive glycoprotein 120 antibody, PRO1851 antibody

UniProt: [Q14624](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

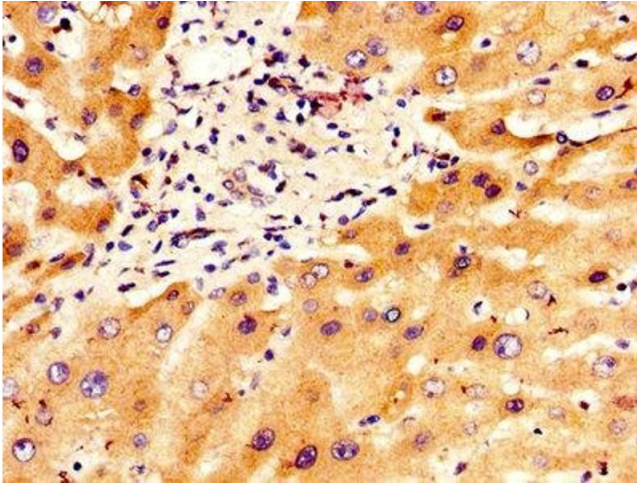
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

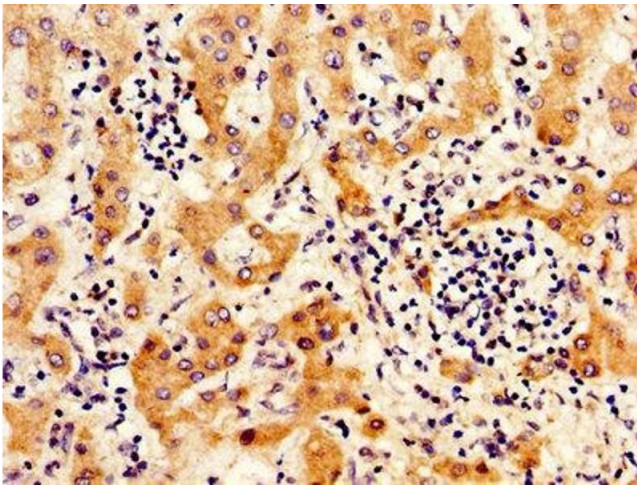
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7156517 diluted at 1:300 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry

Image 2. IHC image of ABIN7156517 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.