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Datasheet for ABIN768546

anti-ITIH4 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	ITIH4
Binding Specificity:	Internal Region
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ITIH4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Itih4 (mouse)
Immunogen:	Peptide with sequence C-KPEGQEQFQVAEKP, from the internal region of the protein sequence according to NP_061216.2, NP_001152771.1.
Sequence:	KPEGQEQFQV AEKP
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_002209.2, NP_001159921.1).
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: ITIH4

Alternative Name: Itih4 ([ITIH4 Products](#))

Background: Itih4, inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein), H4P, IHRP, ITIHL1, PK120, ITI heavy chain H4, ITI-HC4, OTTMUSP00000032461, PK-120, gp120, inter-alpha-inhibitor heavy chain 4, inter-alpha-trypsin inhibitor family heav

Molecular Weight: 104kDa according to Rat NP_062242.2

Gene ID: 16427, 54404

NCBI Accession: [NP_061216](#), [NP_001152771](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Western Blot: Approx 100 kDa band observed in Rat Liver lysates (calculated MW of 104 kDa according to Rat NP_062242.2). Recommended concentration: 0.03-0.1 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

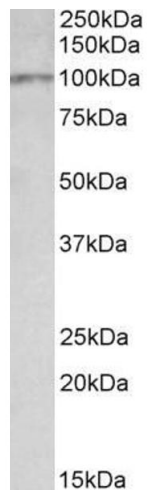
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN768546 (0.03µg/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.