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Datasheet for ABIN768658 anti-ITIH4 antibody (AA 890-903)

2 Images



Overview

Quantity:	100 µg
Target:	ITIH4
Binding Specificity:	AA 890-903
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ITIH4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	ITIH4 (aa890-903)	
Immunogen:	Peptide with sequence C-SDDGRRTLRVQGND, from the C Terminus of the protein sequence according to NP_002209.2, NP_001159921.1.	
Sequence:	SDDGRRTLRV QGND	
lsotype:	lgG	
Specificity:	This antibody is expected to recognize both reported isoforms (NP_002209.2, NP_001159921.1).	
Cross-Reactivity:	Human	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	

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Product Details

Grade:

Verified

Target Details

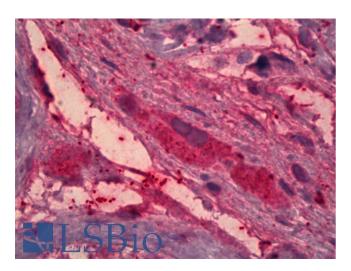
Target:	ITIH4	
Alternative Name:	ITIH4 (ITIH4 Products)	
Background:	ITIH4, inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein),	
	DKFZp686G21125, H4P, IHRP, ITIHL1, PK120, ITI heavy chain H4, ITI-HC4,	
	OTTHUMP00000197121, OTTHUMP00000213834, OTTHUMP00000213869, PK-120, gp120	
	inter-alpha-inhibitor	
Molecular Weight:	103kDa according to NP_002209.2	
Gene ID:	3700	
NCBI Accession:	NP_002209, NP_001159921	
Pathways:	Glycosaminoglycan Metabolic Process	
Application Details		
Application Notes:	Immunohistochemistry: Paraffin embedded Human Testis (Leydig cells). Recommended	
	concentration: 5 µg/mL.	
	Western Blot: Approx 150 kDa band observed in Human Placenta lysates (calculated MW of	
	103 kDa according to NP_002209.2). The observed molecular weight corresponds to the	
	glycosylated form. Recommended concentration: 0.03-0.1 μ g/mL. Primary incubation was 1	
	Peptide ELISA: antibody detection limit dilution 1:16000.	
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.	

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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.

Images



250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

Immunohistochemistry

Image 1. ABIN768658 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Western Blotting

Image 2. ABIN768658 (0.03µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.