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Datasheet for ABIN1590133

anti-Stomatin antibody (N-Term)

2 Images

Overview

Quantity:	100 µg
Target:	Stomatin (STOM)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Stomatin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Stomatin
Sequence:	EKRHTRDSEA QR
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_004090.4, NP_937837.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

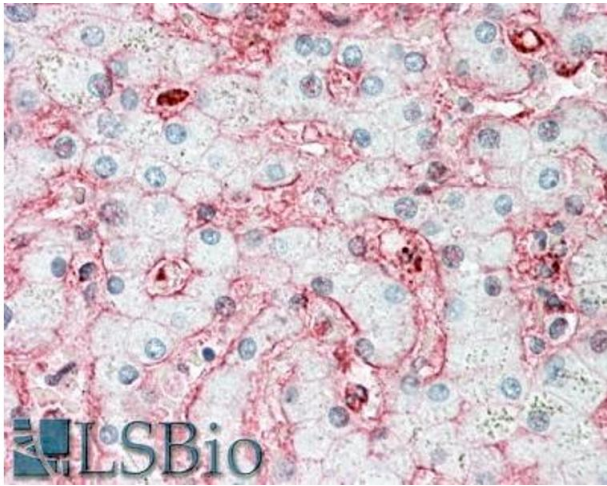
Target:	Stomatin (STOM)
Alternative Name:	STOM (STOM Products)
Background:	STOM, stomatin, BND7, EPB7, EPB72, erythrocyte band 7 integral membrane protein, erythrocyte membrane protein band 7.2 (stomatin), protein 7.2b
Gene ID:	2040
NCBI Accession:	NP_004090 , NP_937837
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Liver shows membrane staining of hepatocytes and of sinusoidal lining cells. Recommended concentration, 5-10 µg/mL.</p> <p>Western Blot: Approx 30 kDa band observed in Human Erythrocytes, Spleen, Bone Marrow and Lung lysates (calculated MW of 31.7 kDa according to NP_004090.4). Recommended concentration: 0.1-0.3 µg/mL.</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Restrictions:	For Research Use only

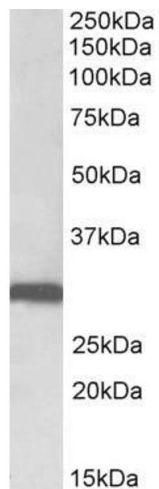
Handling

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.



Immunohistochemistry

Image 1. ABIN1590133 (5 μ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN1590133 (0.1 μ g/ml) staining of Human Lung lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.