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Datasheet for ABIN570998
anti-PEBP4 antibody (C-Term)

2 Images

Overview

Quantity:	100 µg
Target:	PEBP4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PEBP4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	PEBP4
Immunogen:	Peptide with sequence C-RERASEPKHKNQAE, from the C Terminus of the protein sequence according to NP_659399.2.
Sequence:	RERASEPKHK NQAE
Isotype:	IgG
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:	PEBP4
Alternative Name:	PEBP4 (PEBP4 Products)
Background:	PEBP4, phosphatidylethanolamine-binding protein 4, CORK-1, CORK1, GWTM1933, MGC22776, PRO4408, cousin-of-RKIP 1 protein
Gene ID:	157310
NCBI Accession:	NP_659399

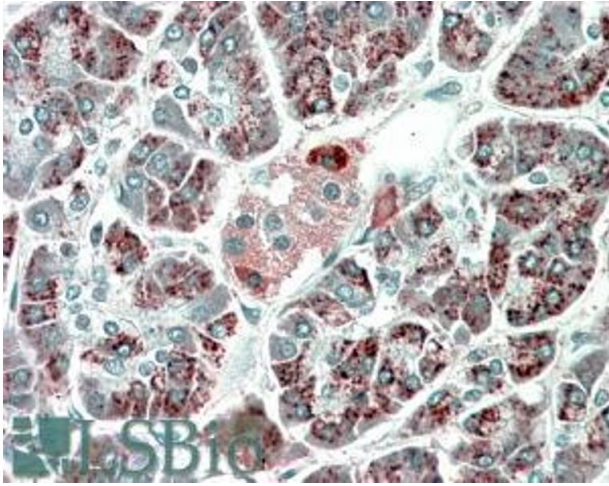
Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Pancreas shows staining consistent with lysosomes. Recommended concentration, 5-10 µg/mL.</p> <p>Western Blot: Approx 26 kDa band observed in Human Heart lysates (calculated MW of 25.7 kDa according to NP_659399.2). Recommended concentration: 1-3 µg/mL. An additional band of unknown identity was also consistently observed at 30 kDa. This band was successfully detected by Western Blot.</p> <p>Peptide ELISA: antibody detection limit dilution 1:4000.</p>
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Restrictions:	For Research Use only
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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. ABIN570998 (5 μ g/ml) staining of paraffin embedded Human Pancreas. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



Western Blotting

Image 2. ABIN570998 (1 μ g/ml) staining of Human Heart lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.