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anti-BPNT1 antibody (C-Term)





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Quantity:	100 μg
Target:	BPNT1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This BPNT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Bisphosphate 3'-nucleotidase	
Immunogen:	Peptide with sequence C-RNYDYYASRVPESIK, from the C Terminus of the protein sequence according to NP_006076.4.	
Sequence:	RNYDYYASRV PESIK	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	

Target Details

Target:	BPNT1
Alternative Name:	BPNT1 (BPNT1 Products)
Background:	Bisphosphate 3'-nucleotidase, 3'(2'), 5'-bisphosphate nucleotidase 1, PIP, BPntase, PAP-inositol-1,4-phosphatase
Gene ID:	10380, 23827, 64473
NCBI Accession:	NP_006076
Pathways:	Inositol Metabolic Process
Application Details	

Application Details

Application Notes:	Western Blot: Approx 37 kDa band observed in Human Liver lysates (calculated MW of 33.4 kDa
	according to NP_006076.4). The observed molecular weight corresponds to earlier findings in
	literature with different antibodies (Spiegelberg et al, J Biol Chem. 1
	Peptide ELISA: antibody detection limit dilution 1:4000.
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.

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

Image 1. ABIN334361 ($1\mu g/ml$) staining of Human Liver lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.