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## Datasheet for ABIN1881296 anti-ENPP1 antibody (N-Term)

1 Image

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#### Overview

Quantity:	400 µL
Target:	ENPP1
Binding Specificity:	AA 6-34, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This ENPP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-34 amino acids from the N-terminal region of human ENPP1.
Clone:	RB41733
lsotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	ENPP1
Alternative Name:	ENPP1 (ENPP1 Products)
Background:	This gene is a member of the ecto-nucleotide pyrophosphatase/phosphodiesterase (ENPP) family. The encoded protein is a type II transmembrane glycoprotein comprising two identical
	disulfide-bonded subunits. This protein has broad specificity and cleaves a variety of

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## Target Details

	substrates, including phosphodiester bonds of nucleotides and nucleotide sugars and pyrophosphate bonds of nucleotides and nucleotide sugars. This protein may function to hydrolyze nucleoside 5' triphosphates to their corresponding monophosphates and may also hydrolyze diadenosine polyphosphates. Mutations in this gene have been associated with 'idiopathic' infantile arterial calcification, ossification of the posterior longitudinal ligament of the spine (OPLL), and insulin resistance.
Molecular Weight:	104924
NCBI Accession:	NP_006199
UniProt:	P22413
Pathways:	Regulation of Carbohydrate Metabolic Process
Application Details	
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
l'official.	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Buffer: Preservative:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Buffer: Preservative: Precaution of Use:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.   Sodium azide   This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Buffer: Preservative: Precaution of Use: Storage:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.   Sodium azide   This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   4 °C,-20 °C
Buffer: Preservative: Precaution of Use: Storage: Expiry Date:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.Sodium azideThis product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.4 °C,-20 °C6 months
Buffer: Preservative: Precaution of Use: Storage: Expiry Date: Publications	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.Sodium azideThis product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.4 °C,-20 °C6 months

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#### Images



#### Western Blotting

**Image 1.** EN Antibody (N-term) (ABIN1881296 and ABIN2838757) western blot analysis in MDA-M cell line lysates (35 µg/lane).This demonstrates the EN antibody detected the EN protein (arrow).