

Datasheet for ABIN2785260
anti-ENPP6 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	ENPP6
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Horse, Pig, Rabbit, Zebrafish (Danio rerio), Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENPP6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ENPP6
Sequence:	ELMDMRGIFL AFGPDFKSNF RAAPIRSVDV YNVMCNVVGI TPLPNNGSWS
Predicted Reactivity:	Cow: 92%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against ENPP6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ENPP6
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Target Details

Alternative Name:	ENPP6 (ENPP6 Products)
Background:	ENPP6 is a choline-specific glycerophosphodiester phosphodiesterase. ENPP6 hydrolyzes the classical substrate for phospholipase C, p-nitrophenyl phosphorylcholine, while it does not hydrolyze the classical nucleotide phosphodiesterase substrate, p-nitrophenyl thymidine 5'-monophosphate. ENPP6 hydrolyzes lysophosphatidylcholine (LPC) to form monoacylglycerol and phosphorylcholine but not lysophosphatidic acid, showing it has a lysophospholipase C activity. ENPP6 has a preference for LPC with short (12:0 and 14:0) or polyunsaturated (18:2 and 20:4) fatty acids. Also hydrolyzes glycerophosphorylcholine and sphingosylphosphorylcholine efficiently. Alias Symbols: MGC33971, NPP6 Protein Size: 440
Molecular Weight:	50 kDa
Gene ID:	133121
NCBI Accession:	NM_153343 , NP_699174
UniProt:	Q6UWR7

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 440 AA
Restrictions:	For Research Use only

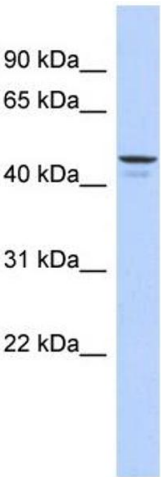
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ENPP6 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: 721_B cell lysate