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Datasheet for ABIN7151391
anti-ENPP6 antibody (AA 31-330) (Biotin)

Overview

Quantity:	100 µg
Target:	ENPP6
Binding Specificity:	AA 31-330
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENPP6 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ectonucleotide pyrophosphatase/phosphodiesterase family member 6 protein (31-330AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ENPP6
Alternative Name:	ENPP6 (ENPP6 Products)
Background:	Background: Choline-specific glycerophosphodiester phosphodiesterase. The preferred

Target Details

substrate may be lysosphingomyelin. Hydrolyzes lysophosphatidylcholine (LPC) to form monoacylglycerol and phosphorylcholine but not lysophosphatidic acid, showing it has a lysophospholipase C activity. 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. Hydrolyzes the classical substrate for phospholipase C, p-nitrophenyl phosphorylcholine in vitro, while it does not hydrolyze the classical nucleotide phosphodiesterase substrate, p-nitrophenyl thymidine 5'-monophosphate. Does not hydrolyze diacyl phospholipids such as phosphatidylethanolamine, phosphatidylinositol, phosphatidylserine, phosphatidylglycerol and phosphatidic acid.

Aliases: ENPP6 antibody, UNQ1889/PRO4334Glycerophosphocholine cholinephosphodiesterase ENPP6 antibody, GPC-Cpde antibody, EC 3.1.4.- antibody, EC 3.1.4.38 antibody, Choline-specific glycerophosphodiester phosphodiesterase antibody, Ectonucleotide pyrophosphatase/phosphodiesterase family member 6 antibody, E-NPP 6 antibody, NPP-6 antibody

UniProt: [Q6UWR7](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.