

ENPP1 Antibody

Lot Number: RF2218331
Product Data Sheet

Tested Species Reactivity
Human (Hu)
Mouse (Ms)
Rat (Rt)

Tested Applications	Dilution *
Western Blot (WB)	1:1000
Immunoprecipitation (IP)	1:50

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	PA5-17097
Size:	100 µL
Class:	Polyclonal
Type:	Antibody
Clone:	
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide corresponding to residues surrounding Leu520 of human ENPP1

Form Information	
Form:	Liquid
Purification:	Antigen affinity chromatography
Storage Buffer:	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative:	no preservative
Storage Conditions:	-20°C

Product Specific Information	General Information
It is not recommended to aliquot this antibody. <i>For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.</i>	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 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.

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