

Rabbit ENPP1 Polyclonal Antibody | anti-ENPP1 antibody

ENPP1 Antibody FITC Conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313053	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

ENPP1; Polyclonal Antibody; ENPP1 Antibody FITC Conjugated; M6S1; NPP1; NPPS; PC-1; PCA1; ARHR2; COLED; PDNP1; Ectonucleotide pyrophosphatase phosphodiesterase family member 1; E-NPP 1; Membrane component chromosome 6 surface marker 1; Phosphodiesterase I nucleotide pyrophosphatase 1; Plasma-cell membrane glycoprotein PC-1; PC1; anti-ENPP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified by Protein A
Form/Format	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ENPP1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence)
Conjugation	FITC
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Immunogen	KLH conjugated synthetic peptide aa 97-150 925 derived from human ENPP1
Preparation and Storage	Store at 4 degree C for 12 months.

ADDITIONAL INFORMATION

Related Product Information for anti-ENPP1 antibody	By generating PPi, plays a role in regulating pyrophosphate levels, and functions in bone mineralization and soft tissue calcification. PPi inhibits mineralization by binding to nascent hydroxyapatite (HA) crystals, thereby preventing further growth of these crystals. Preferentially hydrolyzes ATP, but can also hydrolyze other nucleoside 5' triphosphates such as GTP, CTP, TTP and UTP to their corresponding monophosphates with release of pyrophosphate and diadenosine polyphosphates, and also 3',5'-cAMP to AMP. May also be involved in the regulation of the availability of nucleotide sugars in the endoplasmic reticulum and Golgi, and the regulation of purinergic signaling. Appears to modulate insulin sensitivity and function.
Product Categories/Family for anti-ENPP1 antibody	Conjugated Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23503088
NCBI GeneID	5167

UniProt Accession #	P22413; Q5T9R6; Q9NPZ3; Q9P1P6; Q9UP61; Q9Y6K3
NCBI Official Full Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 1
NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 1
NCBI Official Symbol	ENPP1
NCBI Official Synonym Symbols	M6S1; NPP1; NPPS; PC-1; PCA1; ARHR2; COLED; PDNP1
NCBI Protein Information	ectonucleotide pyrophosphatase/phosphodiesterase family member 1; E-NPP 1; Ly-41 antigen; alkaline phosphodiesterase 1; plasma-cell membrane glycoprotein 1; plasma-cell membrane glycoprotein PC-1; membrane component chromosome 6 surface marker 1; phosphod
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 1
UniProt Gene Name	ENPP1
UniProt Synonym Gene Names	M6S1; NPPS; PC1; PDNP1; E-NPP 1; NPPase
UniProt Entry Name	ENPP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/enpp1-antibody-immunocytochemistry-immunofluorescence-elisa/313053>