

Rabbit anti-Human ENPP1 Polyclonal Antibody | anti-ENPP1 antibody

ENPP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233863	Rabbit	Human	Immunofluorescence, ELISA

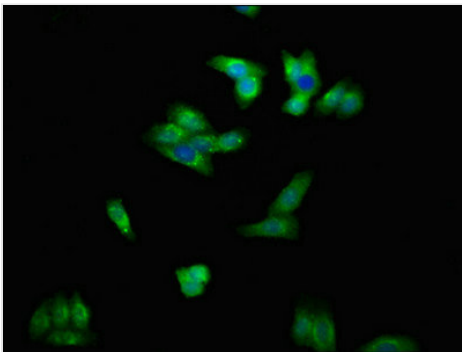
PRODUCT SYNONYMS

ENPP1; Polyclonal Antibody; ENPP1 Antibody; Ectonucleotide pyrophosphatase/phosphodiesterase family member 1 (E-NPP1) (Membrane component chromosome 6 surface marker 1)(Phosphodiesterase I/nucleotide pyrophosphatase 1) (Plasma-cell membraneglycoprotein PC-1) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1);Nucleotide pyrophosphatase (NPPase) (EC 3.6.1.9) (Nucleotidediphosphatase)]; M6S1 NPPS PC1 PDNP1; anti-ENPP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	925
Applicable Applications for anti-ENPP1 antibody	IF (Immunofluorescence), ELISA
Immunogen	Recombinant Human Ectonucleotide pyrophosphatase/phosphodiesterase family member 1 protein (1-75AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	ENPP1
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA233863 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

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	Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	170650661
NCBI GeneID	5167
NCBI Accession #	NP_006199.2
NCBI GenBank Nucleotide #	NM_006208.2
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
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 1
UniProt Gene Name	ENPP1
UniProt Synonym Gene Names	M6S1; NPPS; PC1; PDNP1; NPPase

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.