

Product datasheet for **AP08594PU-N**

ENPP1 (915-925) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	ELISA: 1/32000. Immunohistochemistry on Paraffin Sections: 2.5 - 5 µg/ml.
Reactivity:	Human, Mouse, Rat, Rabbit
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from C-terminus of Human ENPP1, aa 915-925 (NP_006199.2)
Specificity:	Specific to Human ENPP1 (C-term).
Formulation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ectonucleotide pyrophosphatase/phosphodiesterase 1
Database Link:	Entrez Gene 5167 Human P22413



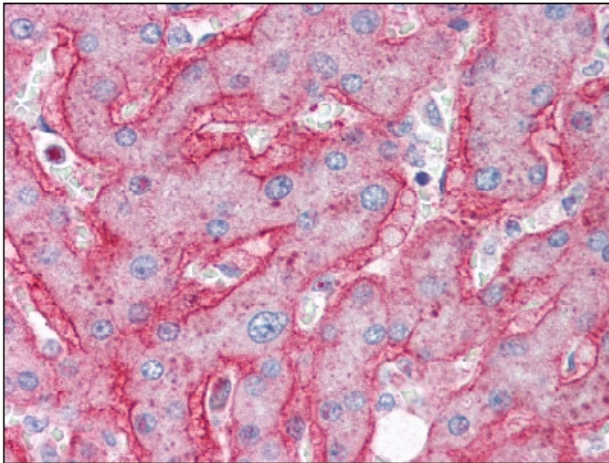
[View online »](#)

Background:

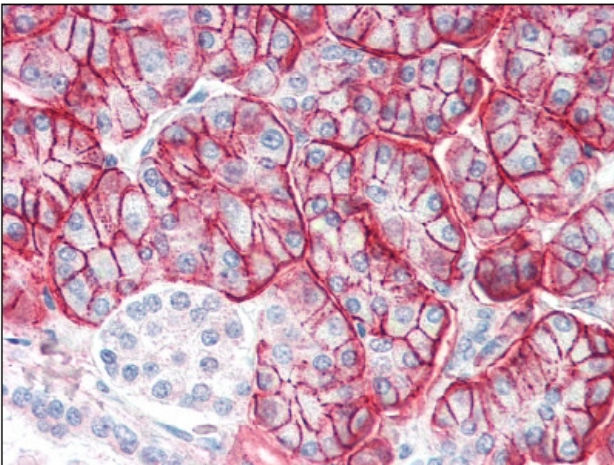
ENPP1 has a broad specificity and cleaves a variety of substrates, including phosphodiester bonds of nucleotides and nucleotide sugars and pyrophosphate bonds of nucleotides and nucleotide sugars. It can hydrolyze nucleoside 5' triphosphates such as ATP, GTP, CTP, TTP and UTP to their corresponding monophosphates with release of pyrophosphate. It can also hydrolyze diadenosine polyphosphates and 3',5'-cAMP to AMP. It may play a role in the regulation of pyrophosphate production, the regulation of the availability of nucleotide sugars in the endoplasmic reticulum and Golgi, and the regulation of purinergic signaling.

Synonyms:

ENPP-1, M6S1, NPPS, PC1, PDNP1, E-NPP 1

Product images:


Formalin-Fixed Paraffin-Embedded Human Liver stained with anti-ENPP1 Antibody at 5 ug/ml after heat-induced antigen retrieval.



Formalin-Fixed Paraffin-Embedded Human Pancreas stained with anti-ENPP1 Antibody at 5 ug/ml after heat-induced antigen retrieval.