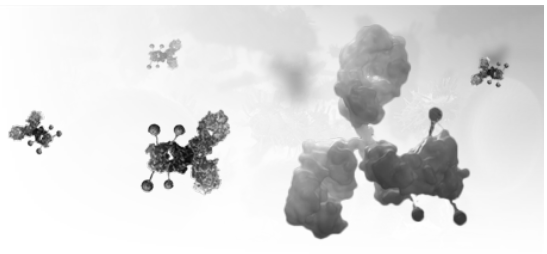

Rabbit Anti-Human ENPP1 Polyclonal antibody (DPABH-06117)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	ENPP1 fusion protein, sequence: DLLNLTPAPNNGTHGSLNHLLKNPVYTPKHPKEVHPLVQCPFTRNPRDNLGCSCNPSILPIEDFQ TQFNLTVAEEKIIKHETLPYGRPRVLQKENTICLLSQHQFMSGYSQDILMPLWTSYTVDRNDSFS TEDFSNCLYQDFRIPLSPVHKCSFYKNNTKVSYGFLSPPQLNKNSSGIYSEALLTTNIVPMYQSF QVIWRYFHDTLLRKYAEERNGVNVVSGPVFDFDYDGRCDSLENLRQKRRVIRNQEILIPTHFFIV LTSCKDTSQTPLHCENLDTLAFILPHRTDNSESCVHGKHDSSWVEELLMLHRARITDVEHITGLS FYQQRKEPVSDILKLKTHLPTFSQED (523-873 aa encoded by BC059375)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IP, ELISA
Positive Control	Raji cells
Format	Liquid
Size	50 uL; 100 uL
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction	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.
Keywords	ENPP1; ectonucleotide pyrophosphatase/phosphodiesterase 1; M6S1; NPP1; NPPS; PC-1; PCA1; ARHR2; COLED; PDNP1; 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; phosphodiesterase I/nucleotide pyrophosphatase 1; membrane component, chromosome 6, surface marker 1;

GENE INFORMATION

Entrez Gene ID	5167
UniProt ID	P22413