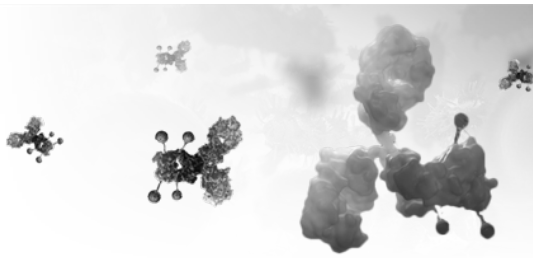

Rabbit Anti-Human ENPP-5 monoclonal antibody, clone S125 (CABT-ZB787)

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

PRODUCT INFORMATION

Specificity	It reacts with Human ENPP-5
Target	ENPP5
Immunogen	Recombinant Human ENPP5 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S125
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect ENPP-5 in antibody pair set. [ABPR-ZB367]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human ENPP5.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL
Buffer	PBS

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Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	ENPP5 is a member of the nucleotide pyrophosphatase/phosphodiesterase family (NPP). It is a family comprised of dimeric enzymes that catalyze the hydrolysis of phosphate diester bonds. There are seven isoforms in NPP family, some of which prefer nucleotide substrates, some of which prefer phospholipid substrates, and others of which prefer substrates that have not yet been determined. NPP also belongs to the alkaline phosphatase (AP) superfamily of enzymes and they are located in the cell membrane and hydrolyze extracellular phosphate diesters to affect a wide variety of biological processes. ENPP5 belongs to a group of nucleotidemetabolizing ectoenzymes, which regulate the availability of extracellular nucleotides. ENPP5 may play a role in neuronal cell communication. However, it lacks nucleotide pyrophosphatase and lysopholipase D activity. It may also be involved in neuronal cell communication. The amino acid sequence of human ENPP5 is 100%, 88%, and 82% identical to that of chimpanzee, dog and mouse/rat. ENPP5 functions in phospholipid metabolism.
Keywords	ENPP5; ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative); ectonucleotide pyrophosphatase/phosphodiesterase family member 5; NPP-5

GENE INFORMATION

Synonyms	ENPP5; ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative); ectonucleotide pyrophosphatase/phosphodiesterase family member 5; NPP-5; E-NPP 5; ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative function); KIAA0879
Entrez Gene ID	59084
UniProt ID	Q9UJA9

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