

Product datasheet for **AP18009PU-N**

ENPP2 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human ENPP2
Specificity:	This antibody reacts to Autotaxin.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody 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 2
Database Link:	Entrez Gene 18606 Mouse Entrez Gene 5168 Human Q13822
Background:	ENPP2 functions as both a phosphodiesterase, which cleaves phosphodiester bonds at the 5' end of oligonucleotides, and a phospholipase, which catalyzes production of lysophosphatidic acid (LPA) in extracellular fluids. LPA evokes growth factor-like responses including stimulation of cell proliferation and chemotaxis. This protein stimulates the motility of tumor cells and has angiogenic properties, and its expression is upregulated in several kinds of carcinomas. The protein is secreted and further processed to make the biologically active form.
Synonyms:	E-NPP 2, ENPP2, ATX, PDNP2

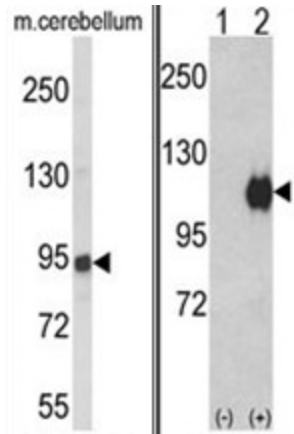


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Protein Families: Druggable Genome, Transcription Factors, Transmembrane

Protein Pathways: Ether lipid metabolism

Product images:



(LEFT) Western blot analysis of ENPP2 Antibody (Center) in mouse cerebellum tissue lysates (35ug/lane). ENPP2 (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of ENPP2 (arrow) using rabbit polyclonal ENPP2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ENPP2 gene (Lane 2) (Origene Technologies).