

DNAxPAb

Hard-to-Find
Antibody

ENPP2 DNAxPAb

Catalog # H00005168-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ENPP2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MARRSSFQSCQIISLFTFAVGVNIGLFTAHRIKRAEGWEEGPPTVLSDSPWTNISGSCCKGRCFEL
QEAGPPDCRCDNLCKSYTSCCHDFDELCLKTARGWECTKDRCGEVRNEENACHCSEDCLARG
DCCTNYQVVCKGESHWVDDDCCEEIKAAECPAGFVRPPLIIFSVDGFRASYMKKGSKVMPIEKL
RSCGTHSPYMRPVYPTKTFPNLYTLATGLYPESHGIVGNSMYDPVFDAFHLRGREKFNHRWWG
GQPLWITATKQGVKAGTFFWSVVIPHERRILTILQWLTPDHERPSVYAFYSEQPDFSGHKYGPFG
PEMTNPLREIDKIVGQLMDGLKQLKLHRCVNVIFVGDHGMEDVTCDRTEFLSNYLTNVDDITLVPG
TLGRIRSKFSNNAKYDPKAIANLTCKKPDQHFQPKYLKQHLPKRLHYANNRRIEDIHLVERRWHVA
RKPLDVYKKPSGKCFQGDHGFNDKVNMQTVFVGYGPTFKYKTKVPPFENIELYNVMCDLLGL
KPAPNNGTHGSLNHLRTNTRPTMPEEVTRPNYPGIMYLSQDFDLGCTCDDKVEPKNKLDLNLK
RLHTKGSTEERHLLYGRPAVLRYTRYDILYHTDFESGYSEIFLMPLWTSYTVSKQAEVSSVPDHLTS
CVRPDVRVSPSFSQNCLAYKNDKQMSYGFLFPPYLSSSPEAKYDAFLVTNMVPMYPAPKRVWN
YFQRVLVKKYASERNGVNVISGPIFDYDYDGLHDTEDKIKQYVEGSSIPVPTHYYSITSCLDFTQPA
DKCDGPLSVSSFILPHRPDNEESCNSSEDESKWVEELMKMHTARVRDIEHLTSLDFFRKTSRSY
PEILTLKTYLHTYESEI

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ENPP2

Entrez GeneID [5168](#)

GeneBank Accession# [DQ894819.2](#)

Protein Accession# [ABM85745.1](#)

Gene Name ENPP2

Gene Alias ATX, ATX-X, AUTOTAXIN, FLJ26803, LysoPLD, NPP2, PD-IALPHA, PDNP2

Gene Description ectonucleotide pyrophosphatase/phosphodiesterase 2

Omim ID [601060](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene 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 gene product stimulates the motility of tumor cells and has angiogenic properties, and its expression is upregulated in several kinds of carcinomas. The gene product is secreted and further processed to make the biologically active form. Several alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations autotaxin|autotaxin-t|phosphodiesterase 2|nucleotide pyrophosphatase 2|plasma lysophospholipase D

Pathway

- [Ether lipid metabolism](#)

Disease

- [Tobacco Use Disorder](#)