

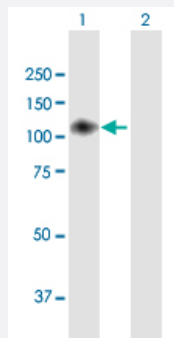
MaxPab®

ENPP2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005168-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ENPP2 expression in transfected 293T cell line ([H00005168-T01](#)) by ENPP2 MaxPab polyclonal antibody.

Lane 1: ENPP2 transfected lysate(94.93 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ENPP2 protein.

Immunogen

ENPP2 (ABM85745.1, 1 a.a. ~ 863 a.a) full-length human protein.

Sequence

MARRSSFQSCQIISLFTFAVGVNICLGFTAHRKRAEGWEEGPPTVLSDSPWTNISGCKGRCFEL
QEAGPPDCRCDNLCKSYTSCCHDFDELCLKTARGWECTKDRCGEVRNEENACHCSEDCLARG
DCCTNYQVVCKGESHWVDDDCCEEIKAAECPAGFVRPPLIIFSVDGFRASYMKKGSKVMPNIEKL
RSCGTHSPYMRPVYPTKTFPNLYTLATGLYPESHGIVGNSMYDPVFDAFHLRGREKFNHRWWG
GQPLWITATKQGVKAGTFFWSVVIPHERRILTILQWLTPDHERPSVYAFYSEQPDFSGHKYGPFG
PEMTNPLREIDKIVGQLMDGLKQLKLRHRCVNVIFVGDHGMEDVTCDRTEFLSNYLTNVDDITLVPG
TLGRIRSKFSNNAKYDPKAIANLTCKKPDQHFQPYLKQHLPKRLHYANNRRIEDIHLVERRWHVA
RKPLDVYKKPSGKCFQGDHGFNDKVNMQTVFVGYGPTFKYKTKVPPFENIELYNVMCDLLGL
KPAPNNGTHGSLNHLRTNTFRPTMPEEVTRPNYPGIMYLQSDFDLGCTCDDKVEPKNKLDLNLK
RLHTKGSTEERHLLYGRPAVLRYTRYDILYHTDFESGYSEIFLMPLWTSYTVSKQAEVSSVPDHLS
CVRPDVRVSPSFSQNCLAYKNDKQMSYGLFPPYLSSSPEAKYDAFLVTNMVPMYPAFKRVWN
YFQRLVLKKYASERNGVNVISGPIFDYDGLHDTEDKIKQYVEGSSIPVPTHYYSIITSCLDFTQPA
DKCDGPLSVSSFILPHRPDNEESCNSSEDESKWVEELMKMHTARVRDIEHLTSLDFFRKTSRSY
PEILTLKTYLHTYESEI

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (89); Rat (94)
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.

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[Protocol Download](#)

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]
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Other Designations

autotaxin|autotaxin-t|phosphodiesterase 1|nucleotide pyrophosphatase 2|plasma lysophospholipase D

Pathway

- [Ether lipid metabolism](#)

Disease

- [Tobacco Use Disorder](#)