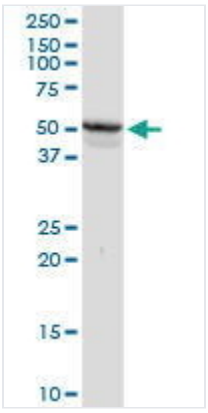
ACP6 Antibody – Rabbit Polyclonal

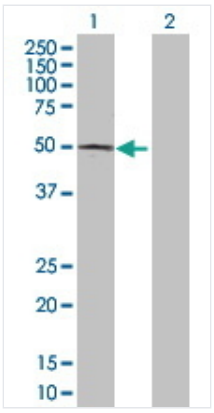
PRODUCT OVERVIEW

Product Name	ACP6, Polyclonal Antibody
Full Product Name	ACP6 (Lysophosphatidic Acid Phosphatase Type 6, Acid Phosphatase 6, Lysophosphatidic, Acid Phosphatase-like Protein 1, PACPL1, ACPL1, LPAP, UNQ205/PRO231)
Product Gene Name	anti-ACP6 antibody
Product Synonym Names	Anti -ACP6 (Lysophosphatidic Acid Phosphatase Type 6, Acid Phosphatase 6, Lysophosphatidic, Acid Phosphatase-like Protein 1, PACPL1, ACPL1, LPAP, UNQ205/PRO231)
Immunogen Sequence	MITGVFSMRL WTPVGVLTSL AYCLHQRRVA LAELQEADGQ CPVDRSLLKL KMVQVVFRHG ARSPLKPLPL EEQVEWNPQL LEVPPQTQFD YTVTNLAGGP KPYSPYDSQY HETTLKGGMF AGQLTKVGMQ QMFALGERLR KNYVEDIPFL SPTFNPQEVF IRSTNIFRNL ESTRCLLAGL FQCQKEGPII IHTDEADSEV LYPNYQSCWS LRQRTRGRRQ TASLQPGISE DLKKVKDRMG IDSSDKVDFF ILLDNVAAEQ AHNLPSCPML KRFARMIEQR AVDTSLYILP KEDRESLQMA VGPFLHILES NLLKAMDSAT APDKIRKLYL YAAHDVTFIP LLMTLGIFDH KWPPFAVDLT MELYQHLESK EWFVQLYYHG KEQVPRGCPD GLCPLDMFLN AMSVYTLSPE KYHALCSQTQ VMEVGNEE
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human ACP6. Species Crossreactivity: mouse.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	48,854 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (147119168..147142634, complement). Location: 1q21
OMIM	611471
3D Structure	ModBase 3D Structure for Q9NPH0
Immunogen	Full length human ACP6, aa1-428 (NP_057445.2).
Product Categories/Family for anti-ACP6 antibody	Antibodies; Abs to Enzymes; Phosphatase
Applications Tested/Suitable for anti-ACP6 antibody	Western Blot (WB)
Application Notes for anti-ACP6 antibody	Suitable for use in Western Blot.
Related Product Information for anti-ACP6 antibody	MBS6000430 is an antibody targeting ACP6. Also known as ACP6 (Lysophosphatidic Acid Phosphatase Type 6, Acid Phosphatase 6, Lysophosphatidic, Acid Phosphatase-like Protein 1, PACPL1, ACPL1, LPAP, UNQ205/PRO231). Reactive in Human, Mouse. Host: Rabbit. Hydrolyzes lysophosphatidic acid to monoacylglycerol.

Other Notes	Small volumes of anti-ACP6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-ACP6 antibody
ACP6 rabbit polyclonal antibody. Western Blot analysis of ACP6 expression in mouse kidney.



Western Blot (WB) of anti-ACP6 antibody
Western Blot analysis of ACP6 expression in transfected 293T cell line by ACP6 polyclonal antibody. Lane 1: ACP6 transfected lysate (48.9kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACP6. It may not necessarily be applicable to this product.

NCBI GI #	48146319
NCBI GeneID	51205
NCBI Accession #	CAG33382.1
UniProt Primary Accession #	Q9NPH0
UniProt Secondary Accession #	Q59G61; Q5T490; Q6IAQ3; Q7LG81; Q9UIG6
UniProt Related Accession #	Q9NPH0
NCBI Official Full Name	ACP6
NCBI Official Synonym Full Names	acid phosphatase 6, lysophosphatidic
NCBI Official Symbol	ACP6
NCBI Official Synonym Symbols	LPAP; ACPL1; PACPL1
UniProt Protein Name	Lysophosphatidic acid phosphatase type 6
UniProt Synonym Protein Names	Acid phosphatase 6, lysophosphatidic; Acid phosphatase-like protein 1; PACPL1
Protein Family	Lysophosphatidic acid phosphatase
UniProt Gene Name	ACP6
UniProt Synonym Gene Names	ACPL1; LPAP
UniProt Entry Name	PPA6_HUMAN
NCBI Protein Information	lysophosphatidic acid phosphatase type 6; acid phosphatase like 1; acid phosphatase-like protein 1

UniProt Comments for ACP6	ACP6: Hydrolyzes lysophosphatidic acid to monoacylglycerol. Belongs to the histidine acid phosphatase family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted; Cofactor and Vitamin Metabolism - riboflavin; EC 3.1.3.2; Phosphatase (non-protein); Motility/polarity/chemotaxis; Mitochondrial Chromosomal Location of Human Ortholog: 1q21 Cellular Component: mitochondrion; cytoplasm Molecular Function: acid phosphatase activity Biological Process: dephosphorylation; phospholipid metabolic process
Research Articles on ACP6	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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