10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

ACP6 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22046c

Specification

ACP6 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9NPH0
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**48886**

ACP6 Antibody (Center) - Additional Information

Gene ID 51205

Other Names
Lysophosphatidic acid phosphatase type 6, 3.1.3.2, Acid phosphatase 6, lysophosphatidic, Acid phosphatase-like protein 1, PACPL1, ACP6, ACPL1, LPAP

Target/Specificity
This ACP6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 251-283 amino acids from the Central region of human ACP6.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ACP6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ACP6 Antibody (Center) - Protein Information

Name ACP6

Synonyms ACPL1, LPAP

Function Hydrolyzes lysophosphatidic acid (LPA) containing a medium length fatty acid chain to

the corresponding monoacylglycerol. Has highest activity with lysophosphatidic acid containing myristate (C14:0), monounsaturated oleate (C18:1) or palmitate (C16:0), and lower activity with C18:0 and C6:0 lysophosphatidic acid.

Cellular Location
Mitochondrion.

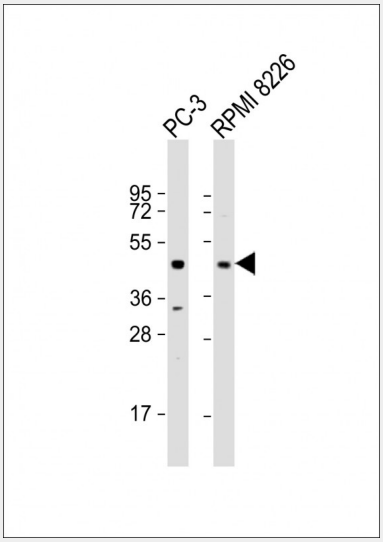
Tissue Location
Highly expressed in kidney, heart, small intestine, muscle, liver, prostate, testis, ovary and weakly expressed in thymus and colon.

ACP6 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ACP6 Antibody (Center) - Images



All lanes : Anti-ACP6 Antibody (Center) at 1:2000 dilution Lane 1: PC-3 whole cell lysate Lane 2: RPMI 8226 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 49 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ACP6 Antibody (Center) - Background

Hydrolyzes lysophosphatidic acid (LPA) containing a medium length fatty acid chain to the corresponding monoacylglycerol. Has highest activity with lysophosphatidic acid containing myristate (C14:0), monounsaturated oleate (C18:1) or palmitate (C16:0), and lower activity with C18:0 and C6:0 lysophosphatidic acid.

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ACP6 Antibody (Center) - References

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Takayama I.,et al.Gut 50:790-796(2002).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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