



[Go to Product page](#)

Datasheet for ABIN2783340
anti-ACP6 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	ACP6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Horse, Pig, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACP6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ACP6
Sequence:	EADGQCPVDR SLLKCLKMVQV VFRHGARSPL KPLPLEEQVE WNPQLLEVPP
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ACP6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ACP6
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Target Details

Alternative Name: [ACP6 \(ACP6 Products\)](#)

Background: ACP6 could hydrolyze lysophosphatidic acid to monoacylglycerol. It was originally reported to be located in the mitochondrion, but the evidence seems to be weak and contradictory with the presence of a cleaved signal sequence. Western blots using two different antibodies against two unique regions of this protein target confirm the same apparent molecular weight in our tests.

Alias Symbols: ACPL1, LPAP, PACPL1

Protein Interaction Partner: FAM9B, SLC35F6, GNG7, DHX36, RSU1, RGS10, LIMS1, ILK, ERH, DHCR7,

Protein Size: 428

Molecular Weight: 49 kDa

Gene ID: 51205

NCBI Accession: [NM_016361](#), [NP_057445](#)

UniProt: [Q9NPH0](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 428 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Sharma, Burdon, Chidlow, Klebe, Crawford, Dimasi, Dave, Martin, Javadiyan, Wood, Casson, Danoy, Griggs, Hewitt, Landers, Mitchell, Mackey, Craig: "Association of genetic variants in the TMC01 gene with clinical parameters related to glaucoma and characterization of the protein in the eye." in: **Investigative ophthalmology & visual science**, Vol. 53, Issue 8, pp. 4917-25, (2012) ([PubMed](#)).

Burdon, Macgregor, Hewitt, Sharma, Chidlow, Mills, Danoy, Casson, Viswanathan, Liu, Landers, Henders, Wood, Souzeau, Crawford, Leo, Wang, Rohtchina, Nyholt, Martin, Montgomery, Mitchell, Brown et al.: "Genome-wide association study identifies susceptibility loci for open angle glaucoma at TMC01 and CDKN2B-AS1. ..." in: **Nature genetics**, Vol. 43, Issue 6, pp. 574-8, (2011) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-ACP6 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human Muscle