

**AADACL1 Antibody (C-Term)**  
Peptide-affinity purified goat antibody  
Catalog # AF2704a

**Specification**

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**AADACL1 Antibody (C-Term) - Product Information**

Application	E
Primary Accession	<a href="#">Q6PIU2</a>
Other Accession	<a href="#">NP_065843.3</a> , <a href="#">57552</a> , <a href="#">320024 (mouse)</a>
Predicted	Human, Mouse, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	45808

**AADACL1 Antibody (C-Term) - Additional Information**

**Gene ID** 57552

**Other Names**

Neutral cholesterol ester hydrolase 1, NCEH, 3.1.1.-, Arylacetamide deacetylase-like 1, NCEH1, AADACL1, KIAA1363

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

AADACL1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**AADACL1 Antibody (C-Term) - Protein Information**

**Name** NCEH1

**Synonyms** AADACL1, KIAA1363

**Function**

Hydrolyzes 2-acetyl monoalkylglycerol ether (1-O-alkyl-2- acetyl-sn-glycerol), the penultimate precursor of the pathway for de novo synthesis of platelet-activating factor (PubMed:<a href="http://www.uniprot.org/citations/17052608" target="\_blank">17052608</a>). May be responsible for the hydrolysis of cholesterol esters (such as cholesteryl (9Z-octadecenoate)) in macrophages (By similarity). Also involved in organ detoxification by hydrolyzing exogenous

organophosphorus compounds (By similarity). May contribute to cancer pathogenesis by promoting tumor cell migration (PubMed:<a href="http://www.uniprot.org/citations/17052608" target="\_blank">17052608</a>).

**Cellular Location**

Cell membrane; Single-pass type II membrane protein. Microsome {ECO:0000250|UniProtKB:Q8BLF1}

**Tissue Location**

Expressed in monocyte-derived macrophages. Up- regulated in invasive melanoma and breast carcinoma cell lines

**AADACL1 Antibody (C-Term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**AADACL1 Antibody (C-Term) - Images****AADACL1 Antibody (C-Term) - References**

An enzyme that regulates ether lipid signaling pathways in cancer annotated by multidimensional profiling. Chiang KP, Niessen S, Saghatelian A, Cravatt BF. Chem Biol. 2006 Oct;13(10):1041-50. PMID: 17052608