

Aadacl1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13048**Specification**

Aadacl1 antibody - middle region - Product Information

Application	WB
Primary Accession	Q8BLF1
Other Accession	NM_178772 , NP_848887
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa kDa

Aadacl1 antibody - middle region - Additional Information**Gene ID** 320024**Alias Symbol** **Aadacl1, B230106I24Rik, CPO-BP, Nceh****Other Names**

Neutral cholesterol ester hydrolase 1, NCEH, 3.1.1.-, Arylacetamide deacetylase-like 1, Chlorpyrifos oxon-binding protein, CPO-BP, Nceh1, Aadacl1, Kiaa1363

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Aadacl1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Aadacl1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Aadacl1 antibody - middle region - 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:18164358, PubMed:20625037). May be

responsible for the hydrolysis of cholesterol esters (such as cholesteryl (9Z-octadecenoate)) in macrophages (PubMed:18782767). Also involved in organ detoxification by hydrolyzing exogenous organophosphorus compounds (PubMed:15840715, PubMed:16978018, PubMed:18164358).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q6PIU2}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:Q6PIU2} Microsome

Tissue Location

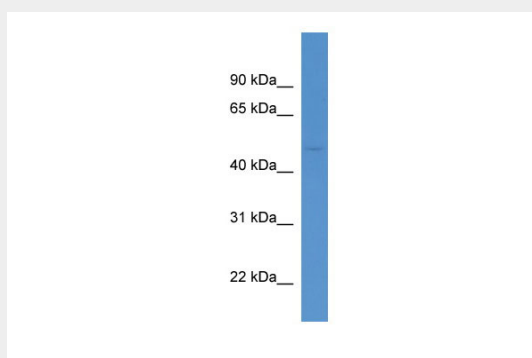
Present in brain, heart, kidney, lung, spinal cord and testis but not liver (at protein level). Expressed in peritoneal macrophages and kidney.

Aadacl1 antibody - middle region - 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 - middle region - Images



WB Suggested Anti-Aadacl1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Mouse Kidney

Aadacl1 antibody - middle region - References

- Okazaki N., et al. DNA Res. 11:205-218(2004).
Carninci P., et al. Science 309:1559-1563(2005).
Leung D., et al. Nat. Biotechnol. 21:687-691(2003).
Nomura D.K., et al. Proc. Natl. Acad. Sci. U.S.A. 102:6195-6200(2005).
Nomura D.K., et al. Chem. Res. Toxicol. 19:1142-1150(2006).