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Aadacl1 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13048

Product Information

Application	WB
Primary Accession	Q8BLF1
Other Accession	NM_178772, NP_848887
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45740

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.

Protein Information

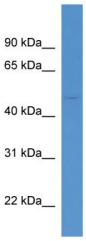
Name	Nceh1
Synonyms	Aadacl1, Kiaa1363
Function	Hydrolyzes 2-acetyl monoalkylglycerol ether (1-O-alkyl-2- acetyl-sn-glycerol), the penultimate precursor of the pathway for de novo synthesis of platelet-activating factor (PubMed:18164358, PubMed:20625037). May be responsible for the hydrolysis of cholesterol 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.

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).

Images



WB Suggested Anti-Aadacl1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Mouse Kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.