

Rabbit AADACL1 Polyclonal Antibody | anti-NCEH1 antibody

AADACL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329168	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(88%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%)	ELISA

PRODUCT SYNONYMS

AADACL1; Polyclonal Antibody; AADACL1 Antibody; Arylacetamide deacetylase like 1; Arylacetamide deacetylase-like 1; NCEH; Nceh1; NCEH1_HUMAN; Neutral cholesterol ester hydrolase 1; Neutral cholesterol ester hydrolase; anti-NCEH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(88%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	AADACL1 Antibody detects endogenous levels of total AADACL1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	448
Applicable Applications for anti-NCEH1 antibody	ELISA
Immunogen	A synthesized peptide derived from human AADACL1, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329168 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA329168 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from Mouse kidney, using AADACL1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NCEH1 antibody	Function: Hydrolyzes 2-acetyl monoalkylglycerol ether, the penultimate precursor of the pathway for de novo synthesis of platelet-activating factor. May be responsible for cholesterol ester hydrolysis in macrophages, thereby contributing to the development of atherosclerosis. Also involved in organ detoxification by hydrolyzing exogenous organophosphorus compounds. May contribute to cancer pathogenesis by promoting tumor cell migration. Post Translational Modifications: N-glycosylated. Subcellular Location: Membrane>Single-pass type II membrane protein. Microsome. Tissue Specificity: Expressed in monocyte-derived macrophages. Up-regulated in invasive melanoma and breast carcinoma cell lines. Similarity: Belongs to the 'GDXG' lipolytic enzyme family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226423947
NCBI GeneID	57552
NCBI Accession #	NP_001139748.1
NCBI GenBank Nucleotide #	NP_001139748.1
UniProt Accession #	Q6PIU2
Molecular Weight	Observed Molecular Weight: (Observed)45kD. Predicted Molecular Weight: (Calculated)46kDa.
NCBI Official Full Name	neutral cholesterol ester hydrolase 1 isoform a
NCBI Official Synonym Full Names	neutral cholesterol ester hydrolase 1
NCBI Official Symbol	NCEH1
NCBI Official Synonym Symbols	NCEH; AADACL1
NCBI Protein Information	neutral cholesterol ester hydrolase 1
UniProt Protein Name	Neutral cholesterol ester hydrolase 1
UniProt Gene Name	NCEH1
UniProt Synonym Gene Names	AADACL1; KIAA1363; NCEH
UniProt Entry Name	NCEH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.