Product datasheet

Anti-AADACL1/NCEH1 Antibody

Catalog Number: *A06478-1*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
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Basic Information

Product Name	Anti-AADACL1/NCEH1 Antibody
Gene Name	NCEH1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, FCM, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived human AADACL1/NCEH1 recombinant protein (Position: Q44-D352).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	46 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Flow Cytometry (Fixed): 1:50-200 Enzyme linked immunosorbent assay (ELISA):1:100-1000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Neutral cholesterol ester hydrolase 1 (NCEH) also known as arylacetamide deacetylase-like 1 (AADACL1) or KIAA1363 is an enzyme that in humans is encoded by the NCEH1 gene. Predicted to enable hydrolase activity. Predicted to be involved in ether lipid metabolic process. Predicted to act upstream of or within SMAD protein signal transduction; protein dephosphorylation; and xenobiotic metabolic process. Located in membrane.

Selected Validation Data

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE

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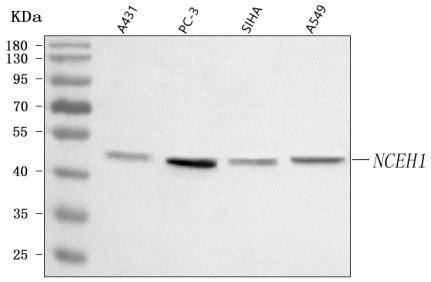
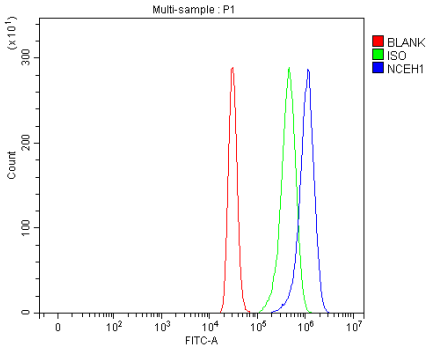


Western blot analysis of anti-AADACL1/NCEH1 antibody (A06478-1). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human A431 whole cell lysates,
Lane 2: human PC-3 whole cell lysates,
Lane 3: human SIHA whole cell lysates,
Lane 4: human A549 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-AADACL1/NCEH1 antigen affinity purified polyclonal antibody (A06478-1) and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for AADACL1/NCEH1 at approximately 46 kDa. The expected band size for AADACL1/NCEH1 is at 46,55 kDa.



Flow Cytometry analysis of HepG2 cells using anti-AADACL1/NCEH1 antibody (A06478-1).
Overlay histogram showing HepG2 cells stained with A06478-1 (Blue line). The cells were fixed with 4% paraformaldehyde and blocked with 10% normal goat serum. And then incubated with rabbit anti-AADACL1/NCEH1 Antibody (A06478-1, 1:100). Fluoro488 conjugated goat anti-rabbit IgG (BA1127, 1:100) was used as secondary antibody. Isotype control antibody (Green line) was rabbit IgG (Catalog # BA1045) (1:100) used under the same conditions. Unlabelled sample (Red line) was also used as a control.

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