

Anti-Retinal dehydrogenase 2 ALDH1A2 Antibody

Catalog Number: A04961-1

About ALDH1A2

Ras effector protein, which may serve as an inhibitory modulator of neuronal plasticity in aversive memory formation. Can affect Ras signaling at different levels. First, by competing with RAF1 protein for binding to activated Ras. Second, by enhancing signaling from ABL1 and ABL2, which regulate cytoskeletal remodeling. Third, by activating RAB5A, possibly by functioning as a guanine nucleotide exchange factor (GEF) for RAB5A, by exchanging bound GDP for free GTP, and facilitating Ras-activated receptor endocytosis.

Colicelli J., Proc. Natl. Acad. Sci. U.S.A. 88:2913-2917(1991).

Han L., Mol. Cell. Biol. 15:1318-1323(1995).

Han L., Proc. Natl. Acad. Sci. U.S.A. 94:4954-4959(1997)

Overview

Product Name	Anti-Retinal dehydrogenase 2 ALDH1A2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Retinal dehydrogenase 2 ALDH1A2 Antibody catalog # A04961-1. Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, Flow Cytometry, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O94788

Technical Details

Immunogen	Synthesized peptide derived from human ALDH1A2
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:500-1:2000 IHC 1:100-1:300 ICC 1:200-1:1000 ELISA 1:10000</p>

1 Publications Citing This Product

1. PubMed ID: 31935835, Li Y,Chen F,Chen J,Chan S,He Y,Liu W,Zhang G.Disulfiram/Copper Induces Antitumor Activity against Both Nasopharyngeal Cancer Cells and Cancer-Associated Fibroblasts through ROS/MAPK and Ferroptosis Pathways.Cancers (Basel).2020 Jan 6;12(1):138.doi:10.3390

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