

Anti-GABARAPL1 Antibody

Catalog Number: A03382

About GABARAPL1

Transfers the acyl group from the sn-1 position of phosphatidylcholine to all-trans retinol, producing all-trans retinyl esters. Retinyl esters are storage forms of vitamin A. LRAT plays a critical role in vision. It provides the all-trans retinyl ester substrates for the isomerohydrolase which processes the esters into 11-cis-retinol in the retinal pigment epithelium; due to a membrane-associated alcohol dehydrogenase, 11 cis-retinol is oxidized and converted into 11-cis-retinaldehyde which is the chromophore for rhodopsin and the cone photopigments.

Ruiz A., J. Biol. Chem. 274:3834-3841(1999).

Mondal M.S., Biochemistry 39:5215-5220(2000).

Thompson D.A., Nat. Genet. 28:123-124(2001).

Overview

Product Name	Anti-GABARAPL1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GABARAPL1 Antibody catalog # A03382. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	Q9H0R8

Technical Details

Immunogen	Synthesized peptide derived from human Siah-2
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 and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:2000

Anti-GABARAPL1 Antibody (A03382) Images

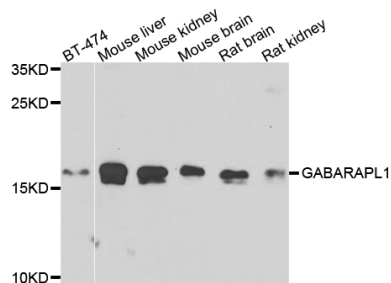


Figure 1. Western blotting validation for Anti-GABARAPL1 Antibody A03382

Western blot analysis of extracts of various cells

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