

Anti-Alpha-2B adrenergic receptor ADRA2B Antibody

Catalog Number: A03622-1

About ADRA2B

Alpha-2 adrenergic receptors mediate the catecholamine-induced inhibition of adenylate cyclase through the action of G proteins. The rank order of potency for agonists of this receptor is clonidine > norepinephrine > epinephrine = oxymetazoline > dopamine > p-tyramine = phenylephrine > serotonin > p-synephrine / p-octopamine. For antagonists, the rank order is yohimbine > chlorpromazine > phentolamine > mianserine > spiperone > prazosin > alprenolol > propanolol > pindolol.

Lomasney J.W., Proc. Natl. Acad. Sci. U.S.A. 87:5094-5098(1990).

Weinshank R.L., Mol. Pharmacol. 38:681-688(1990).

Small K.M., J. Biol. Chem. 276:4917-4922(2001).

Overview

Product Name	Anti-Alpha-2B adrenergic receptor ADRA2B Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Alpha-2B adrenergic receptor ADRA2B Antibody catalog # A03622-1. 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	P18089

Technical Details

Immunogen	Synthesized peptide derived from internal of human Adrenergic Receptor alpha-2B.
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-Alpha-2B adrenergic receptor ADRA2B Antibody (A03622-1) Images

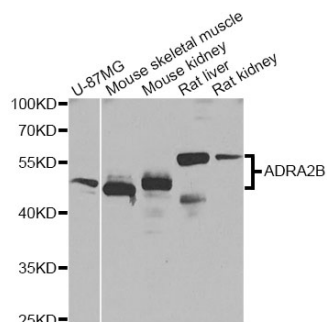


Figure 1. Western blotting validation for Anti-Alpha-2B adrenergic receptor ADRA2B Antibody A03622-1

Western blot analysis of extracts of various cell lines

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