

Product Information

Anti- α -2B Adrenergic Receptor antibody produced in chicken, affinity isolated antibody

Catalog Number GW21007A

Formerly listed as GenWay Catalog Number 15-288-21007A, Alpha-2B adrenergic receptor Antibody.

Storage Temperature -20°C

Synonyms: Alpha-2B-adrenergic receptor; alpha-2-adrenergic receptor-like 1; Alpha-2B adrenoceptor; Alpha-2B adrenoreceptor; Alpha-2 adrenergic receptor subtype C2

Product Description

Alpha-2 adrenergic receptors mediate the catecholamine-induced inhibition of adenylate cyclase through the action of G proteins. This receptor belongs to the G-protein coupled receptor 1 family.

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 > mianserin > spiperone > prazosin > alprenolol > propanolol > pindolol.

NCBI Accession number: NP_000673.1
Swiss Prot Accession number: P18089

Gene Information: Human .. ADRA2B (151)

Immunogen: Recombinant protein Alpha-2B-adrenergic receptor; alpha-2-adrenergic receptor-like 1

Immunogen Sequence: GI # 4501965,
sequence 200-299

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2 – 8°C for up to one week. For extended storage, store in -20°C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

KAA,LPG,MAM 03/09-1

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