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Datasheet for ABIN7183076 anti-ADRA2B antibody

1 Image

Overview

Quantity:	100 µL
Target:	ADRA2B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADRA2B antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from internal of Human Adrenergic Receptor alpha-2B.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	ADRA2B
Alternative Name:	ADRA2B (ADRA2B Products)
Background:	Background: 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-

Target Details

tyramine = phenylephrine > serotonin > p-syneprine / p-octopamine. For antagonists, the rank order is yohimbine > chlorpromazine > phentolamine > mianserine > spiperone > prazosin > alprenolol > propranolol > 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).

Aliases: ADRA2B antibody, ADRA2L1 antibody, ADRA2RL1 Alpha-2B adrenergic receptor antibody, Alpha-2 adrenergic receptor subtype C2 antibody, Alpha-2B adrenoreceptor antibody, Alpha-2B adrenoceptor antibody, Alpha-2BAR antibody

UniProt: [P18089](#)

Pathways: [EGFR Signaling Pathway](#), [cAMP Metabolic Process](#)

Application Details

Application Notes: IF:1:100-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

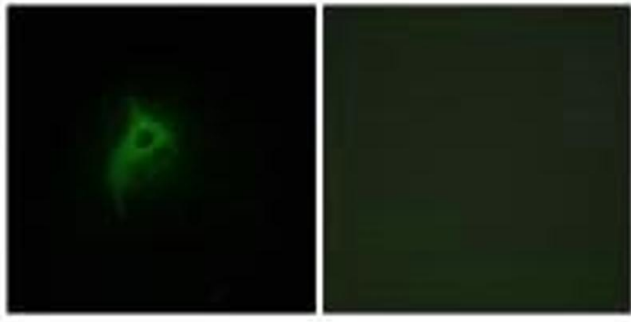
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence analysis of HepG2 cells, using Adrenergic Receptor alpha-2B antibody.