

Rabbit anti-Human Adrenergic Receptor alpha-2B Polyclonal Antibody | anti-ADRA2B antibody

Adrenergic Receptor alpha-2B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286979	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

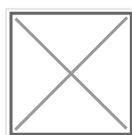
PRODUCT SYNONYMS

Adrenergic Receptor alpha-2B; Polyclonal Antibody; Adrenergic Receptor alpha-2B Antibody; Alpha-2B adrenergic receptor; Alpha-2 adrenergic receptor subtype C2; Alpha-2B adrenoreceptor; Alpha-2B adrenoceptor; Alpha-2BAR; ADRA2B; ADRA2L1; ADRA2RL1; anti-ADRA2B antibody

PRODUCT SPECIFICATIONS

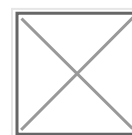
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	180-211
Sequence Length	450
Applicable Applications for anti-ADRA2B antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

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



WB (Western Blot)

Western blot analysis of lysates from MCF-7 cell line, using Adrenergic Receptor alpha-2B Antibody(C10415). C10415 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRA2B antibody	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.
Product Categories/Family for anti-ADRA2B antibody	Signal Transduction

References	Lomasney J.W.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:5094-5098(1990). Weinshank R.L.,et al.Mol. Pharmacol. 38:681-688(1990). Small K.M.,et al.J. Biol. Chem. 276:4917-4922(2001). Cayla C.,et al.Biochem. Pharmacol. 67:469-478(2004). Kopatz S.A.,et al.Submitted (FEB-2004) to the EMBL/GenBank/DBJ databases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33598960
NCBI GeneID	151
NCBI Accession #	NP_000673.2
NCBI GenBank Nucleotide #	NM_000682.6
UniProt Accession #	P18089; Q4TUH9; Q53RF2; Q9BZK0
Molecular Weight	49566
NCBI Official Full Name	alpha-2B adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor alpha 2B
NCBI Official Symbol	ADRA2B
NCBI Official Synonym Symbols	FAME2; ADRA2L1; ADRARL1; ADRA2RL1; ALPHA2BAR; alpha-2BAR
NCBI Protein Information	alpha-2B adrenergic receptor
UniProt Protein Name	Alpha-2B adrenergic receptor
UniProt Gene Name	ADRA2B
UniProt Synonym Gene Names	ADRA2L1; ADRA2RL1; Alpha-2B adrenoceptor; Alpha-2BAR
UniProt Entry Name	ADA2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.