Product Name: AR α2B Rabbit Polyclonal Antibody
Catalog #: APRab07084

Summary

Production Name	AR α2B Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ADRA2B
Alternative Names	ADRA2B; ADRA2L1; ADRA2RL1; Alpha-2B adrenergic receptor; Alpha-2 adrenergic receptor subtype C2; Alpha-2B adrenoreceptor; Alpha-2B adrenoceptor; Alpha-2BAR
Gene ID	151.0
SwissProt ID	P18089.The antiserum was produced against synthesized peptide derived from human Adrenergic Receptor alpha-2B. AA range:161-210

Application

Dilution Ratio	IF 1:200-1:1000. ELISA: 1:10000.
Molecular Weight	

Background

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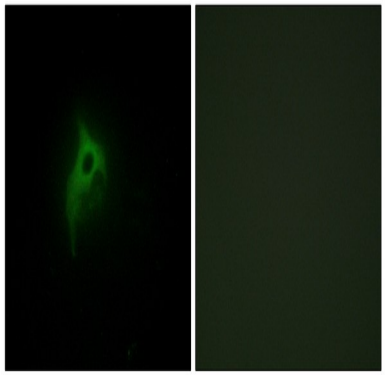
This intronless gene encodes a seven-pass transmembrane protein. This protein is a member of a subfamily of G protein-coupled receptors that regulate neurotransmitter release from sympathetic nerves and from adrenergic neurons in the central nervous system. [provided by RefSeq, Apr 2014],function:Alpha-2 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.,polymorphism:A rare polymorphic framshift in position 451 produces a protein of 542 residues.,similarity:Belongs to the G-protein coupled receptor 1 family.,

Research Area

Neuroactive ligand-receptor interaction;

Image Data



Immunofluorescence analysis of HepG2 cells, using Adrenergic Receptor alpha-2B Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.