

Product Name: AR α 2B Rabbit Polyclonal Antibody
Catalog #: APRab07084



Summary

Production Name	AR α 2B Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF-P,IF-F,ICC/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% protective protein 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-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:10000. Not yet tested in other applications.
Molecular Weight	

Product Name: AR α 2B Rabbit Polyclonal Antibody
Catalog #: APRab07084



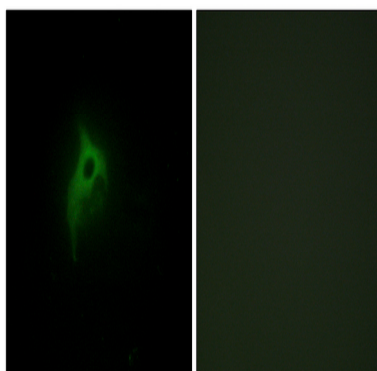
Background

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 > propranolol > 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.