

AR α 2B Polyclonal Antibody

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| Catalog No : | YT0299 |
| Reactivity : | Human;Rat;Mouse; |
| Applications : | IF;ELISA |
| Target : | AR α 2B |
| Fields : | >>cGMP-PKG signaling pathway;>>Neuroactive ligand-receptor interaction |
| Gene Name : | ADRA2B |
| Protein Name : | Alpha-2B adrenergic receptor |
| Human Gene Id : | 151 |
| Human Swiss Prot No : | P18089 |
| Mouse Swiss Prot No : | P30545 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human Adrenergic Receptor alpha-2B. AA range:161-210 |
| Specificity : | AR α 2B Polyclonal Antibody detects endogenous levels of AR α 2B protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications. |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |

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| Molecularweight : | 50kD |
| Cell Pathway : | Neuroactive ligand-receptor interaction; |
| 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 : | 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., |
| Subcellular Location : | Cell membrane ; Multi-pass membrane protein . Interaction with RAB26, GGA1, GGA2 and GGA3 mediates transport from the Golgi to the cell membrane. . |
| Expression : | Pooled, |
| Sort : | 2203 |
| No4 : | 1 |

Products Images



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