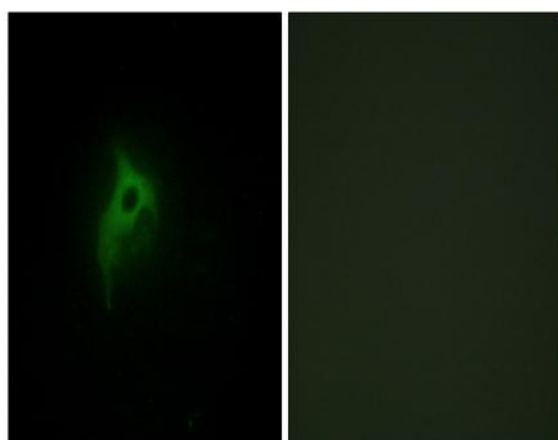


## AR α2B Polyclonal Antibody

<b>Catalog No :</b>	YT0299
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	IF;ELISA
<b>Target :</b>	AR α2B
<b>Fields :</b>	>>cGMP-PKG signaling pathway;>>Neuroactive ligand-receptor interaction
<b>Gene Name :</b>	ADRA2B
<b>Protein Name :</b>	Alpha-2B adrenergic receptor
<b>Human Gene Id :</b>	151
<b>Human Swiss Prot No :</b>	P18089
<b>Mouse Swiss Prot No :</b>	P30545
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human Adrenergic Receptor alpha-2B. AA range:161-210
<b>Specificity :</b>	AR α2B Polyclonal Antibody detects endogenous levels of AR α2B protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

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