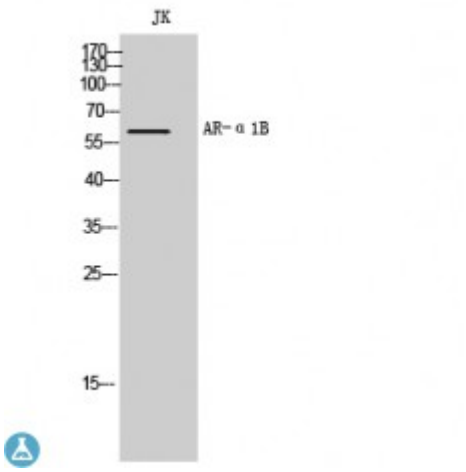
Anti-AR-alpha B antibody



Description	Rabbit polyclonal to AR-alpha1B.

Model	STJ91721
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from human AR-alpha1B
Immunogen Region	410-490 aa, C-terminal
Gene ID	147
Gene Symbol	ADRA1B
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:20000
Specificity	AR-alpha1B Polyclonal Antibody detects endogenous levels of AR-alpha1B protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Alpha-1B adrenergic receptor Alpha-1B adrenoreceptor Alpha-1B adrenoceptor
Molecular Weight	60 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:278OMIM:104220
Alternative Names	Alpha-1B adrenergic receptor Alpha-1B adrenoreceptor Alpha-1B adrenoceptor
Function	This alpha-adrenergic receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Its effect is mediated by G(q) and G(11) proteins. Nuclear ADRA1A-ADRA1B heterooligomers regulate phenylephrine (PE)-stimulated ERK signaling in cardiac myocytes.
Cellular Localization	Nucleus membrane. Multi-pass membrane protein. Cell membrane Cytoplasm Membrane, caveola. Location at the nuclear membrane facilitates heterooligomerization and regulates ERK-mediated signaling in cardiac myocytes. signaling in cardiac myocytes. Colocalizes with GNAQ, PLCB1 as well as LAP2 at the nuclear membrane of cardiac myocytes.