

Product Name: beta 2 Adrenergic Receptor (4E18) Rabbit Monoclonal Antibody
Catalog #: AMRe07537

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:50-1:200
Molecular Weight	46kDa

Antigen Information

Gene Name	ADRB2
Alternative Names	ADRB2; ADRB2R; ADRBR; Adrenergic beta 2 receptor surface; Adrenoceptor beta 2 surface; B2AR; Beta-2 adrenoceptor; Catecholamine receptor;
Gene ID	154.0
SwissProt ID	P07550
Immunogen	A synthetic peptide of human beta 2 Adrenergic Receptor

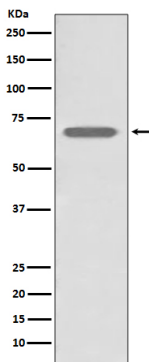
Background

Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine. Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30- fold greater affinity than it does norepinephrine.

Research Area

Calcium;Neuroactive ligand-receptor interaction;Endocytosis;

Image Data



Western blot analysis of beta 2 Adrenergic Receptor expression in A431 cell lysate.