

Rabbit Beta-2 Adrenergic Receptor Polyclonal Antibody | anti-ADRB2 antibody

Anti-Beta-2 Adrenergic Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259630	Rabbit	Human, Mouse, Rat, Bovine, Porcine	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Beta-2 Adrenergic Receptor; Polyclonal Antibody; Anti-Beta-2 Adrenergic Receptor Antibody; ADRB2R; B2AR; Beta-2 adrenergic receptor; Beta-2 adrenoreceptor; Beta-2 adrenoceptor; anti-ADRB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Porcine
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Beta-2 Adrenergic Receptor protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	413
Applicable Applications for anti-ADRB2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Beta-2 Adrenergic Receptor. The exact sequence is proprietary.
Preparation and Storage	Ships on blue ice. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Beta-2 Adrenergic Receptor staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Western blot analysis of Beta-2 Adrenergic Receptor expression in HeLa (A), Raw264.7 (B) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 68 kD)



WB (Western Blot)

Western blot analysis of Beta-2 Adrenergic Receptor expression in HeLa (A), Raw264.7 (B) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 68 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ADRB2 antibody	Rabbit polyclonal antibody to Beta-2 Adrenergic Receptor
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501969
NCBI GeneID	154
NCBI Accession #	NP_000015.1
NCBI GenBank Nucleotide #	NM_000024.5
UniProt Accession #	P07550; O14823; O14824; O14825; O14826; Q4JG18; Q53GA6; Q6GMT4; Q6P4D8; Q8NEQ9; B0LPE4; B2R7X2
NCBI Official Full Name	beta-2 adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor beta 2, surface
NCBI Official Symbol	ADRB2
NCBI Official Synonym Symbols	BAR; B2AR; ADRBR; ADRB2R; BETA2AR
NCBI Protein Information	beta-2 adrenergic receptor
UniProt Protein Name	Beta-2 adrenergic receptor
UniProt Gene Name	ADRB2
UniProt Synonym Gene Names	ADRB2R; B2AR; Beta-2 adrenoceptor
UniProt Entry Name	ADRB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.