

Rabbit anti-Human Beta-1 Adrenergic Receptor Polyclonal Antibody | anti-ADRB1 antibody

Anti-Beta-1 Adrenergic Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260470	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Beta-1 Adrenergic Receptor; Polyclonal Antibody; Anti-Beta-1 Adrenergic Receptor Antibody; ADRB1R; B1AR; Beta-1 adrenergic receptor; Beta-1 adrenoreceptor; Beta-1 adrenoceptor; anti-ADRB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Beta-1 Adrenergic Receptor protein.
Purity/Purification	The antibody was purified by 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	477
Applicable Applications for anti-ADRB1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Beta-1 Adrenergic Receptor. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



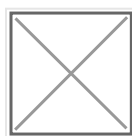
IF (Immunofluorescence)

Immunofluorescent analysis of Beta-1 Adrenergic Receptor staining in HepG2 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Beta-1 Adrenergic Receptor staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Beta-1 Adrenergic Receptor expression in HepG2 (A), A431 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRB1 antibody	Rabbit polyclonal antibody to Beta-1 Adrenergic Receptor
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48429211
NCBI GeneID	153
UniProt Accession #	P08588; Q5T5Y4; Q9UKG7; Q9UKG8; B0LPE2
Molecular Weight	51,323 Da
NCBI Official Full Name	Beta-1 adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor beta 1
NCBI Official Symbol	ADRB1
NCBI Official Synonym Symbols	RHR; B1AR; ADRB1R; BETA1AR
NCBI Protein Information	beta-1 adrenergic receptor
UniProt Protein Name	Beta-1 adrenergic receptor
UniProt Gene Name	ADRB1
UniProt Synonym Gene Names	ADRB1R; B1AR; Beta-1 adrenoceptor
UniProt Entry Name	ADRB1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/beta-1-adrenergic-receptor-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260470>