

Rabbit ADRB1 Polyclonal Antibody | anti-ADRB1 antibody

ADRB1 Antibody - C-terminal region

CATALOG # AAA197104	HOST Rabbit	REACTIVITY Human, Rabbit	APPLICATIONS Western Blot
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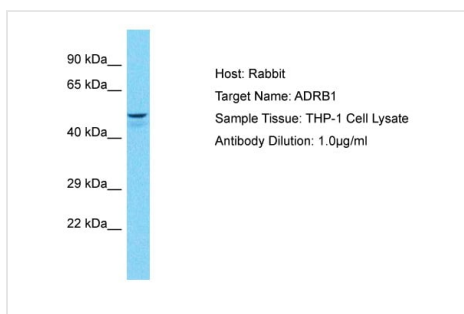
PRODUCT SYNONYMS

ADRB1; Polyclonal Antibody; ADRB1 Antibody - C-terminal region; anti-ADRB1 antibody

PRODUCT SPECIFICATIONS

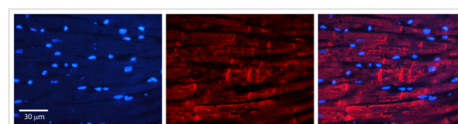
Host	Rabbit
Reactivity	Human, Rabbit
Clonality	Polyclonal
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SD DDDDDVVGAT PPARLLEPWA GCNGGAAADS DSSLDEPCRP GFASESKV
Sequence Length	477
Applicable Applications for anti-ADRB1 antibody	WB (Western Blot)
Homology	Human: 100%; Rabbit: 91%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human ADRB1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit Target Name: ADRB1 Sample Type: THP-1 Whole Cell lysates Antibody Dilution: 3.0 µg/ml



IHC (Immunohistochemistry)

Rabbit Anti-ADRB1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Heart Muscle Tissue Observed Staining: Plasma membrane Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ADRB1 antibody

This is a rabbit polyclonal antibody against ADRB1. It was validated on Western Blot

Target Description: ADRB1 is a beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor binds epinephrine and norepinephrine with approximately equal affinity. It mediates Ras activation through G(s)-alpha- and cAMP-mediated signaling.

Product Categories/Family for anti-ADRB1 antibody	Polyclonal; Lymphocyte Signaling; Membrane Protein; Cardiovascular; Cell Biology; Chromatin & Nuclear Signaling; DNA/RNA/Protein Interactions
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557265
NCBI GeneID	153
NCBI Accession #	NP_000675
NCBI GenBank Nucleotide #	NM_000684
UniProt Accession #	P08588
Molecular Weight	52kDa
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.