

Rabbit ADRB1 Polyclonal Antibody | anti-ADRB1 antibody

ADRB1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23455	Rabbit	Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	Western Blot

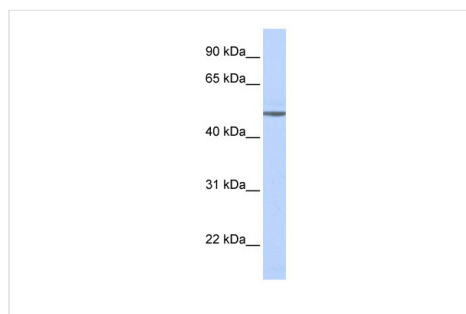
PRODUCT SYNONYMS

ADRB1; Polyclonal Antibody; ADRB1 antibody - middle region; anti-ADRB1 antibody

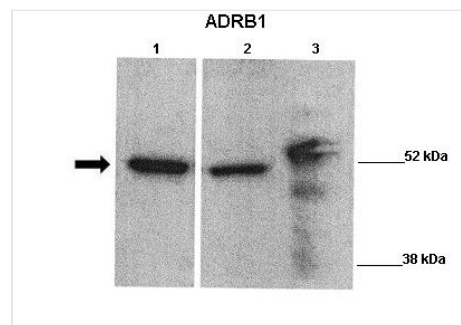
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
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: CT VWASLVSF LPILMHWRA ESDEARRCYN DPKCCDFVTN RAYAIASS
Sequence Length	477
Applicable Applications for anti-ADRB1 antibody	WB (Western Blot)
Homology	Dog: 87%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle 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

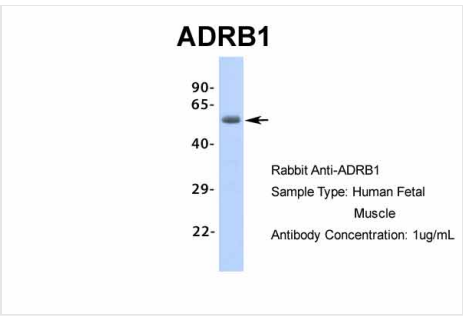


WB (Western Blot)

WB Suggested Anti-ADRB1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: Human brain


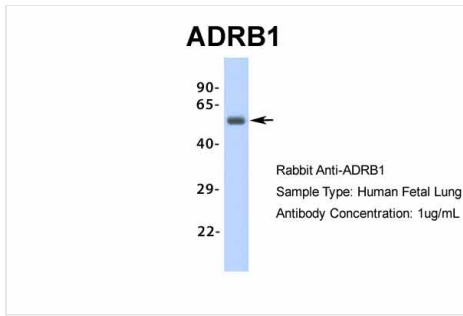
WB (Western Blot)

WB Suggested Anti-ADRB1 Antibody Positive Control: Lane 1: 20ug Wild type mouse, left ventricle
Lane 2: 20ug Transgenic mouse, treated with experimental drug, left ventricle
Lane 3: 20ug HepG2 lysate
Primary Antibody Dilution : 1:1000
Secondary Antibody : Goat anti rabbit-HRP
Secondary Antibody Dilution : 1:5,000
Submitted by: Kathleen Gabrielson



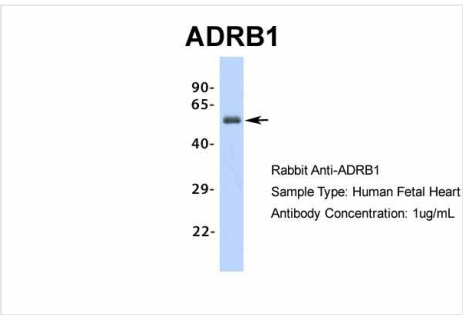
WB (Western Blot)

Host: RabbitTarget Name: ADRB1Sample Type: Human Fetal MuscleAntibody Dilution: 1.0ug/ml



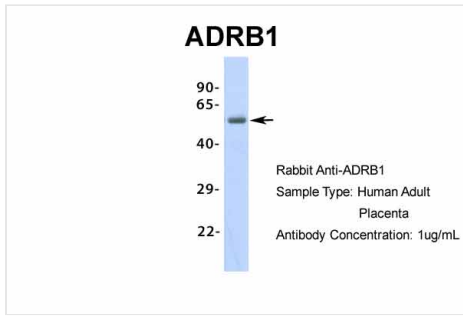
WB (Western Blot)

Host: RabbitTarget Name: ADRB1Sample Type: Human Fetal LungAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: ADRB1Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: ADRB1Sample Type: Human Adult PlacentaAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ADRB1 antibody	This is a rabbit polyclonal antibody against ADRB1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The adrenergic receptors (subtypes alpha 1, alpha 2, beta 1, and beta 2) are a prototypic family of guanine nucleotide binding regulatory protein-coupled receptors that mediate the physiological effects of the hormone epinephrine and the neurotransmitter norepinephrine. Specific polymorphisms in ADRB1 gene have been shown to affect the resting heart rate and can be involved in heart failure.The adrenergic receptors (subtypes alpha 1, alpha 2, beta 1, and beta 2) are a prototypic family of guanine nucleotide binding regulatory protein-coupled receptors that mediate the physiological effects of the hormone epinephrine and the neurotransmitter norepinephrine. Specific polymorphisms in this gene have been shown to affect the resting heart rate and can be involved in heart failure. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-ADRB1 antibody	Polyclonal; Lymphocyte Signaling; Growth Factors & Hormones; Membrane Protein; Cardiovascular; Chromatin & Nuclear Signaling; DNA/RNA/Protein Interactions; Receptors; GPCR; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557265
NCBI GeneID	153
NCBI Accession #	NP_000675
NCBI GenBank Nucleotide #	NM_000684
UniProt Accession #	P08588
Molecular Weight	51kDa
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://www.aaabiotech.com/polyclonal/adrb1-antibody-western-blot-elisa/23455>