

Rabbit ADRB3 Polyclonal Antibody | anti-ADRB3 antibody

ADRB3 Antibody (C-Term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290568	Rabbit	Human, Mouse Predicted: Bovine, Pig, Sheep	ELISA, Western Blot

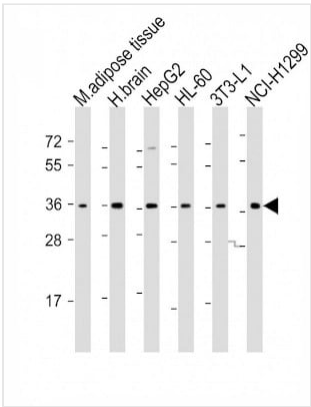
PRODUCT SYNONYMS

ADRB3; Polyclonal Antibody; ADRB3 Antibody (C-Term); Purified Rabbit Polyclonal Antibody (Pab); Beta-3 adrenergic receptor; Beta-3 adrenoreceptor; Beta-3 adrenoreceptor; ADRB3R; B3AR; anti-ADRB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Bovine, Pig, Sheep
Clonality	Polyclonal
Isotype	IgG
Specificity	This ADRB3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 255-289 amino acids from human ADRB3.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	408
Applicable Applications for anti-ADRB3 antibody	ELISA, WB (Western Blot)
Function	Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. Beta- 3 is involved in the regulation of lipolysis and thermogenesis.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Expressed mainly in adipose tissues.
Preparation and Storage	Maintain refrigerated at 2-8 degree for up to 2 weeks. For long term storage store at -20 degree in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes : Anti-ADRB3 Antibody (C-Term) at 1:2000 dilution
Lane 1: mouse adipose tissue lysate
Lane 2: human brain lysate
Lane 3: HepG2 whole cell lysate
Lane 4: HL-60 whole cell lysate
Lane 5: 3T3-L1 whole cell lysate
Lane 6: NCI-H1299 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 44 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRB3 antibody	Beta-adrenergic receptors mediate the catecholamine- induced activation of adenylate cyclase through the action of G proteins. Beta-3 is involved in the regulation of lipolysis and thermogenesis.
Product Categories/Family for anti-ADRB3 antibody	Cardiovascular ; Metabolism ; Neuroscience ; Signal Transduction
References	Emorine L.J.,et al.Science 245:1118-1121(1989). van Spronsen A.,et al.Eur. J. Biochem. 213:1117-1124(1993). Lelias J.M.,et al.FEBS Lett. 324:127-130(1993). Kopatz S.A.,et al.Submitted (NOV-2003) to the EMBL/GenBank/DBJ databases. Granneman J.G.,et al.Mol. Pharmacol. 42:964-970(1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557267
NCBI GeneID	155
NCBI Accession #	NP_000016.1
NCBI GenBank Nucleotide #	NM_000025.2
UniProt Accession #	P13945; Q4JFT4
NCBI Official Full Name	beta-3 adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor beta 3
NCBI Official Symbol	ADRB3
NCBI Official Synonym Symbols	BETA3AR
NCBI Protein Information	beta-3 adrenergic receptor
UniProt Protein Name	Beta-3 adrenergic receptor
UniProt Gene Name	ADRB3
UniProt Synonym Gene Names	ADRB3R; B3AR; Beta-3 adrenoceptor
UniProt Entry Name	ADRB3_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/adrb3-antibody-western-blot-elisa/290568>