

Rabbit anti-Human AR-beta3 Polyclonal Antibody | anti-ADRB3 antibody

AR-beta3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322484	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

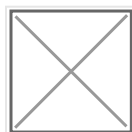
PRODUCT SYNONYMS

AR-beta3; Polyclonal Antibody; AR-beta3 Antibody; ADR B3; ADRB 3; ADRB3; ADRB3_HUMAN; ADRB3R; Adrenergic beta 3 receptor; B3AR; Beta 3 adrenoceptor; Beta 3 adrenoreceptor; Beta 3AR; Beta-3 adrenergic receptor; Beta-3 adrenoceptor; Beta-3 adrenoreceptor; Beta3AR; FLJ99960; anti-ADRB3 antibody

PRODUCT SPECIFICATIONS

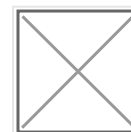
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	AR-beta3 antibody detects endogenous levels of total AR-beta3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	408
Applicable Applications for anti-ADRB3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human AR-beta3
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed mainly in adipose tissues.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (89%), Horse (100%), Sheep (89%), Dog (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322484 staining K562 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of AR-beta3 using K562 whole cell lysates



IHC (Immunohistochemistry)

AAA322484 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRB3 antibody	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. Subunit Structure: Interacts with ARRDC3. Similarity: Belongs to the G-protein coupled receptor 1 family. Adrenergic receptor subfamily. ADRB3 sub-subfamily.
--	--

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
Molecular Weight	Observed: 36 kDa Predicted: 44 kDa
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ar-beta3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322484>