

Rabbit anti-Human ADRB2 Polyclonal Antibody | anti-ADRB2 antibody

ADRB2 Antibody

CATALOG # AAA308259	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

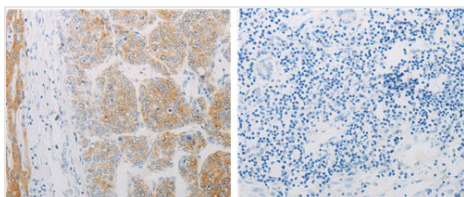
PRODUCT SYNONYMS

ADRB2; Polyclonal Antibody; ADRB2 Antibody; Adrenoceptor beta 2; surface; BAR; B2AR; ADRBR; ADRB2R; BETA2AR; anti-ADRB2 antibody

PRODUCT SPECIFICATIONS

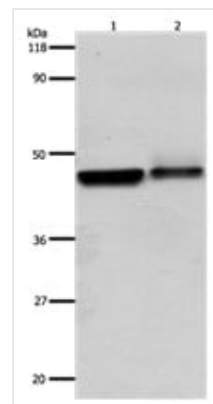
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ADRB2 protein.
Form/Format	Supplied in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Sequence Length	413
Applicable Applications for anti-ADRB2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 21-33 amino acids of Human adrenoceptor beta 2, surface
Predicted MW	46kd
Target Name	ADRB2
Preparation and Storage	Store at -20°C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human liver cancer tissue using AAA308259 (ADRB2 Antibody) at dilution 1/20, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lane1: Hela cell lysate Lane2: A549 cell lysate Lysates: 30ug per lane Primary antibody: 1/600 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-ADRB2 antibody	This gene encodes beta-2-adrenergic receptor which is a member of the G protein-coupled receptor superfamily. This receptor is directly associated with one of its ultimate effectors, the class C L-type calcium channel Ca(V)1.2. This receptor-channel complex also contains a G protein, an adenylyl cyclase, cAMP-dependent kinase, and the counterbalancing phosphatase, PP2A. The assembly of the signaling complex provides a mechanism that ensures specific and rapid signaling by this G protein-coupled receptor. This gene is intronless. Different polymorphic forms, point mutations, and/or downregulation of this gene are associated with nocturnal asthma, obesity and type 2 diabetes.
Product Categories/Family for anti-ADRB2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501969
NCBI GeneID	154
NCBI Accession #	NP_000015
NCBI GenBank Nucleotide #	NM_000024.5
Molecular Weight	46 kd
NCBI Official Full Name	beta-2 adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor beta 2, surface
NCBI Official Symbol	ADRB2
NCBI Official Synonym Symbols	BAR; B2AR; ADRBR; ADRB2R; BETA2AR
NCBI Protein Information	beta-2 adrenergic receptor
UniProt Protein Name	Beta-2 adrenergic receptor
UniProt Gene Name	ADRB2
UniProt Synonym Gene Names	ADRB2R; B2AR; Beta-2 adrenoceptor
UniProt Entry Name	ADRB2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/adrb2-antibody-immunohistochemistry-western-blot-elisa/308259>