Rabbit beta 2 Adrenergic Monoclonal Antibody | anti-ADRB2 antibody

beta 2 Adrenergic Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312447	**Rabbit**	**Human, Mouse, Rat, Zebrafish**	**Immunoprecipitation, Immunohistochemistry, Western Blot**

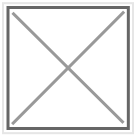
PRODUCT SYNONYMS

beta 2 Adrenergic; Monoclonal Antibody; beta 2 Adrenergic Receptor Antibody; ADRB2 antibody; ADRB2_HUMAN antibody; ADRB2R antibody; ADRBR antibody; Adrenergic beta 2 receptor surface antibody; Adrenoceptor beta 2 surface antibody; B2AR antibody; BAR antibody; beta 2 adrenoceptor antibody; Beta 2 adrenoreceptor antibody; Beta-2 adrenergic receptor antibody; Beta-2 adrenoceptor antibody; Beta-2 adrenoreceptor antibody; BETA2AR antibody; Catecholamine receptor antibody; OTTHUMP00000160386 antibody; anti-ADRB2 antibody

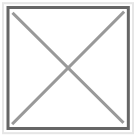
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Monoclonal
Clone Number	JM102-06
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ADRB2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-ADRB2 antibody. Counter stained with hematoxylin.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-ADRB2 antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of ADRB2 on zebrafish lysates using anti-ADRB2 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRB2 antibody	Adrenergic receptors (ARs) (the term "adrenergic" reflects the alternative name for epinephrine, adrenaline) include four general types (a1, a2, b1 and b2) which are found in different target tissues and differ in their affinities and responses to various agonists and antagonists. cDNA clones have been isolated for all of the major AR subtypes and a number of closely related receptors have been identified by this approach. Each of the receptors have been shown to consist of single polypeptide chains which transverse the plasma membrane seven times, presumably forming a bundle of helices within the membrane. These transmembrane regions are hydrophobic and are interconnected by extracellular and intracellular hydrophilic loops. The coupling of ARs to specific intracellular effectors is mediated through diverse heterotrimeric G proteins and is regulated by G protein-coupled receptor kinases (GRKs), cAMP-dependent protein kinase A and protein kinase C directed phosphorylation. b2-adrenergic receptors bind cathecholamines (epinephrine, norepinephrine) and influence development, behavior, cardiac function, smooth muscle tone, and metabolism. b2-AR signaling complexes can contain C L-type calcium channel Ca (V)1.2, G protein, adenylyl cyclase, cAMP-dependent kinase, and PP2A phosphatase.
Product Categories/Family for anti-ADRB2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501969
NCBI GeneID	154
NCBI Accession #	NP_000015.1
NCBI GenBank Nucleotide #	NM_000024.5
UniProt Accession #	P07550; O14823; O14824; O14825; O14826; Q4JG18; Q53GA6; Q6GMT4; Q6P4D8; Q8NEQ9; B0LPE4; B2R7X2
Molecular Weight	46,459 Da
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; beta-2 adrenoceptor; beta-2 adrenoreceptor; catecholamine receptor; adrenergic, beta-2-, receptor, surface
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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/beta-2-adrenergic-antibody-clone-jm102-06-immunoprecipitation-immunohistochemistry-western-blot-elisa/312447