Rabbit ADRA1B Polyclonal Antibody | anti-ADRA1B antibody

ADRA1B Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287477	**Rabbit**	**Human (Predicted Reactivity: Bovine, Mouse, Rabbit, Rat)**	**Immunohistochemistry, ELISA, Western Blot**

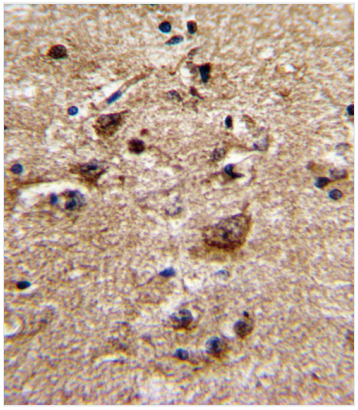
PRODUCT SYNONYMS

ADRA1B; Polyclonal Antibody; ADRA1B Antibody (Center); Alpha-1B adrenergic receptor; Alpha-1B adrenoreceptor; Alpha-1B adrenoceptor; anti-ADRA1B antibody

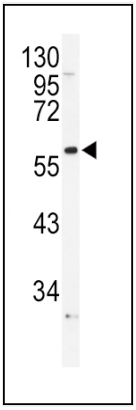
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADRA1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 270-297 amino acids from the Central region of human ADRA1B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	270-297
Sequence Length	520
Applicable Applications for anti-ADRA1B antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human brain with ADRA1B Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ADRA1B Antibody (Center) in NCI-H460 cell line lysates (35ug/lane). ADRA1B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRA1B antibody	Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. This protein encodes alpha-1B-adrenergic receptor, which induces neoplastic transformation when transfected into NIH 3T3 fibroblasts and other cell lines. Thus, this normal cellular gene is identified as a protooncogene. This protein comprises 2 exons and a single large intron of at least 20 kb that interrupts the coding region.
Product Categories/Family for anti-ADRA1B antibody	Cardiovascular; Neuroscience; Signal Transduction; Phospho Antibodies
References	Mathias,R.A., J. Allergy Clin. Immunol. 125 (2), 336-346 (2010) Jensen,B.C., Circ Heart Fail 2 (6), 654-663 (2009) Gratacos,M., Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501959
NCBI GeneID	147
NCBI Accession #	NP_000670.1
NCBI GenBank Nucleotide #	NM_000679.3
UniProt Accession #	P35368; B0LPE1
Molecular Weight	56836
NCBI Official Full Name	alpha-1B adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor alpha 1B
NCBI Official Symbol	ADRA1B
NCBI Official Synonym Symbols	ADRA1; ALPHA1BAR
NCBI Protein Information	alpha-1B adrenergic receptor
UniProt Protein Name	Alpha-1B adrenergic receptor
UniProt Gene Name	**ADRA1B**

UniProt Synonym Gene Names	Alpha-1B adrenoceptor
UniProt Entry Name	ADA1B_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/adra1b-antibody-immunohistochemistry-western-blot-elisa/287477