

Rabbit ADRA1B Polyclonal Antibody | anti-ADRA1B antibody

Rabbit Polyclonal to Human ADRA1B

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52328	Rabbit	Gorilla, Human, Monkey Predicted Reactivity: Bovine (at least 90% immunogen sequence identity)	Immunohistochemistry

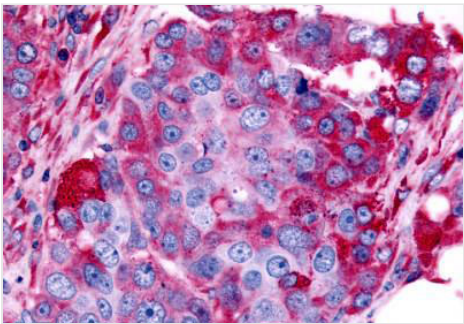
PRODUCT SYNONYMS

ADRA1B; Polyclonal Antibody; Rabbit Polyclonal to Human ADRA1B; Anti-ADRA1B Antibody (Cytoplasmic Domain) IHC-plus; Alpha 1b; Alpha-1B adrenergic receptor; Alpha-1b-adrenergic; Alpha-1B-adrenergic receptor; Alpha1b; Adrenoceptor alpha 1B; Alpha-1B adrenoreceptor; Alpha1B-AR; Alpha1beta-AR; ALPHA1BAR; ADRA1; Alpha-1B adrenoceptor; Alpha1b-adrenergic; Human ADRA1B; anti-ADRA1B antibody

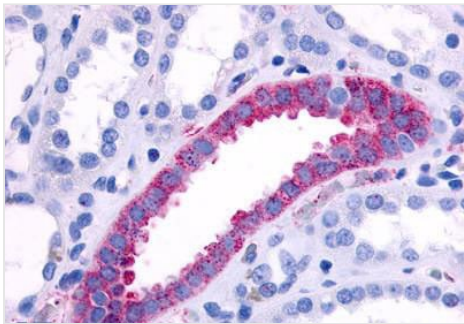
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human, Monkey Predicted Reactivity: Bovine (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ADRA1B. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SLC22A3 (50%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	520
Applicable Applications for anti-ADRA1B antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 1st cytoplasmic domain of human ADRA1B. Percent identity with other species by BLAST analysis: Human, Gorilla, Marmoset (100%); Bovine (94%); Monkey, Mouse, Rat, Hamster, Elephant, Dog (88%).
Immunogen Type	Synthetic peptide
Immunogen	ADRA1B antibody was raised against synthetic 16 amino acid peptide from 1st cytoplasmic domain of human ADRA1B. Percent identity with other species by BLAST analysis: Human, Gorilla, Marmoset (100%); Bovine (94%); Monkey, Mouse, Rat, Hamster, Elephant, Dog (88%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

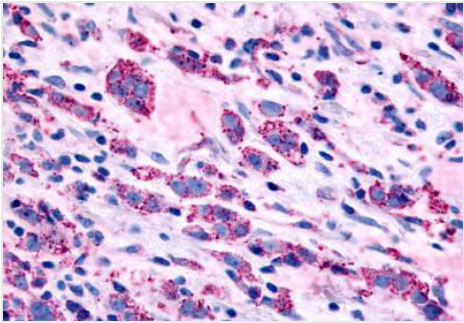
IMAGES



IHC (Immunohistochemisry)
Anti-ADRA1B antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohiostchemistry)
Anti-ADRA1B antibody IHC of human kidney, collecting duct. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ADRA1B antibody IHC of human Breast, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRA1B antibody	The alpha-1b adrenoceptor is an Adrenergic Receptor that causes contraction of smooth muscle cells and thereby controls vascular tone, blood pressure, and accelerates the development of atherosclerosis. Decreased alpha-1b adrenoceptor is associated with benign prostatic hyperplasia (BPH). This adrenergic receptor also acts as a proto-oncogene when transfected into cell lines where constitutive activation of the receptor induces neoplastic transformation.
Product Categories/Family for anti-ADRA1B antibody	Family: GPCR; Subfamily: Adrenergic

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	56,836 Da
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; alpha-1B adrenoceptor; alpha-1B adrenoreceptor; alpha-1B-adrenergic receptor; adrenergic, alpha-1B-, 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://stage.aaabiotech.com/polyclonal/adra1b-antibody-immunohistochemistry-elisa/52328>