

Rabbit anti-Human ADRA1B Polyclonal Antibody | anti-ADRA1B antibody

Anti-ADRA1B Antibody, Rabbit Polyclonal

CATALOG # AAA256968	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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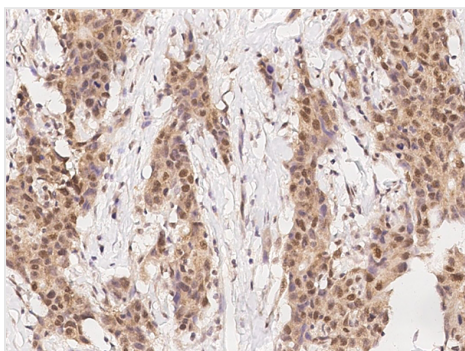
PRODUCT SYNONYMS

ADRA1B; Polyclonal Antibody; Anti-ADRA1B Antibody; Rabbit Polyclonal; ADRA1B Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-ADRA1 Antibody; Anti-ALPHA1BAR Antibody; anti-ADRA1B antibody

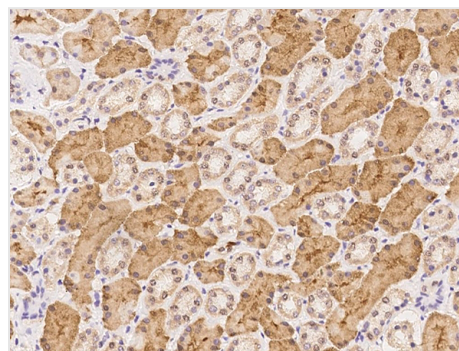
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ADRA1B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ADRA1B antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human ADRA1B fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ADRA1B fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human ADRA1B in human breast carcinoma with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunohistochemical staining of human ADRA1B in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRA1B antibody	Adrenergic receptor alpha1 (ADRA1) receptor is classified into three different subtypes ADRA1A, ADRA1B and ADRA1D, that differ in their tissue distribution, cell signalling, pharmacology and physiological roles. ADRA1 receptors are ubiquitous in the majority of human tissues; ADRA1B is predominantly expressed on the cell surface, ADRA1A is mainly expressed on the cell surface and intracellularly, and ADRA1D is primarily localized perinuclear. It is well-known that ADRA1 is a member of the GPCR family, which interacts with a heterotrimeric G protein containing the Galphaq/11/14/16 subunits. The Galphaq subunit is the main activator of phospholipase CE, which promotes the cleavage of phosphatidylinositol-4, 5-diphosphate into diacylglycerol and inositol-1, 4, 5-triphosphate. This subsequently promotes the release of Ca2+ from intracellular stores to activate protein kinase C (PKC).
References	Wang T, et al. (2019) The prognostic value of adra1 subfamily genes in gastric carcinoma. Oncol Lett 18 (3): 3150-3158.Adefurin A, et al. (2017) Genetic variation in the alpha(1b)-adrenergic receptor and vascular response. Pharmacogenomics J 17 (4): 366-371.

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/256968>