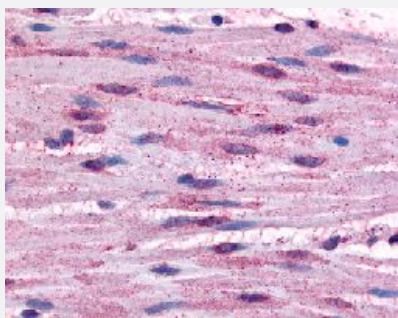


ADRA1B polyclonal antibody

Catalog # PAB16418

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human smooth muscle cells with ADRA1B polyclonal antibody (Cat # PAB16418).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADRA1B.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human ADRA1B.
Host	Rabbit
Reactivity	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat
Specificity	3rd Cytoplasmic domain of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) ELISA The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human smooth muscle cells with ADRA1B polyclonal antibody (Cat # PAB16418).

Gene Info — ADRA1B

Entrez GeneID [147](#)

Protein Accession# [P35368](#)

Gene Name ADRA1B

Gene Alias ADRA1, ALPHA1BAR

Gene Description adrenergic, alpha-1B-, receptor

Omim ID [104220](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 gene 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 gene comprises 2 exons and a single large intron of at least 20 kb that interrupts the coding region. [provided by RefSeq]

Other Designations alpha-1B-adrenergic receptor

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Gastroparesis](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [NARP](#)
- [Obesity](#)
- [Sleep Apnea](#)
- [Stress](#)
- [Tobacco Use Disorder](#)