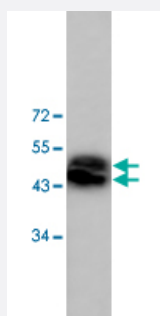


ADRA1A polyclonal antibody

Catalog # PAB19783

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of K-562 cell lysate with ADRA1A polyclonal antibody (Cat # PAB19783) at 1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADRA1A.
Immunogen	A synthetic peptide corresponding to internal region of human ADRA1A.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Peptide affinity purification
Recommend Usage	ELISA (1:10000-1:80000) Western Blot (1:200-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°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

- Western Blot (Cell lysate)

Western blot analysis of K-562 cell lysate with ADRA1A polyclonal antibody (Cat # PAB19783) at 1:500 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADRA1A

Entrez GeneID [148](#)

Protein Accession# [NM_000077](#)

Gene Name ADRA1A

Gene Alias ADRA1C, ADRA1L1, ALPHA1AAR

Gene Description adrenergic, alpha-1A-, receptor

Omim ID [104221](#)

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-1A-adrenergic receptor. Alternative splicing of this gene generates four transcript variants, which encode four different isoforms with distinct C-termini but having similar ligand binding properties. [provided by RefSeq]

Other Designations G protein coupled receptor|OTTHUMP00000125313|adrenergic, alpha -1A-, receptor|adrenergic, alpha-1A-, receptor variant 1|adrenergic, alpha-1A-, receptor variant 3|adrenergic, alpha-1A-, receptor variant 5|adrenergic, alpha-1A-, receptor variant 8|adrenergic

Pathway

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

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Dyskinesia](#)
- [Edema](#)
- [Fibromyalgia](#)
- [Gastroparesis](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Low Back Pain](#)
- [Low Tension Glaucoma](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Obesity](#)

- [Osteoporosis](#)
- [Pain](#)
- [Parkinson disease](#)
- [Prostatic Hyperplasia](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
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- [Reflex Sympathetic Dystrophy](#)
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- [Sciatica](#)
- [Syncope](#)
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- [Wounds and Injuries](#)