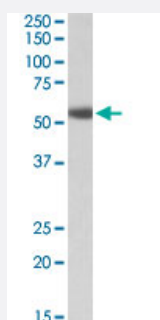


ADRA1A polyclonal antibody

Catalog # PAB27642 Size 100 ug

Applications



Western Blot (Tissue lysate)

ADRA1A polyclonal antibody (Cat # PAB27642) (1ug/ml) staining of human prostate lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ADRA1A.
Immunogen	A synthetic peptide corresponding to C-terminus of human ADRA1A.
Sequence	PSLDKNHQVPTIK
Host	Goat
Theoretical MW (kDa)	55
Reactivity	Human
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (1-3ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

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

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Gene Info — ADRA1A

Entrez GeneID
[148](#)
Protein Accession#
[NP_000671.2](#)
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](#)
- [Radius Fractures](#)
- [Reflex Sympathetic Dystrophy](#)
- [Schizophrenia](#)
- [Sciatica](#)
- [Syncope](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)
- [Wounds and Injuries](#)