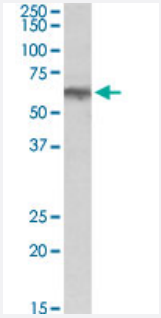
ADRA1B polyclonal antibody

Catalog # PAB27641 Size 100 ug

Applications



Western Blot (Tissue lysate)

ADRA1B polycolnal antibody (Cat # PAB27641) (0.3ug/ml) staining of human Cerebellum 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 ADRA1B.
Immunogen	A synthetic peptide corresponding to amino acids 252-264 at internal region of human ADRA1B.
Sequence	TLRIHSKNFHEDT
Host	Goat
Theoretical MW (kDa)	60
Reactivity	Chicken, Dog, Human, Mouse, Pig, Rat
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.3-1ug/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)

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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 shoul d be handled by trained staff only.

Applications

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Gene Info — ADRA1B

Entrez GeneID	147
Protein Accession#	NP_000670.1
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 sup erfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. T here are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 fam ily of G-proteins and different subtypes show different patterns of activation. This gene encodes al pha-1B-adrenergic receptor, which induces neoplastic transformation when transfected into NIH 3 T3 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

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- 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

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