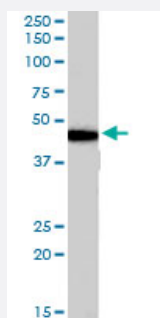


ADRB3 polyclonal antibody

Catalog # PAB7514 Size 100 ug

Applications



Western Blot (Tissue lysate)

ADRB3 polyclonal antibody (Cat # PAB7514) (0.03 ug/mL) staining of human brain (cerebral cortex) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of ADRB3.

Immunogen A synthetic peptide corresponding to human ADRB3.

Sequence PHENSSLAPWPD-C

Host Goat

Theoretical MW (kDa) 43.5

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
ELISA (1:128000)
Western Blot (0.03 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
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

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADRB3

Entrez GeneID	155
Protein Accession#	NP_000016.1
Gene Name	ADRB3
Gene Alias	BETA3AR
Gene Description	adrenergic, beta-3-, receptor
Omim ID	109691 601665
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the family of beta adrenergic receptors, which mediate catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor is located mainly in the adipose tissue and is involved in the regulation of lipolysis and thermogenesis. [provided by RefSeq]
Other Designations	Beta-3 Adrenergic Receptor

Publication Reference

- [beta3-Adrenergic receptor Trp64Arg polymorphism and increased body mass index in sleep apnoea.](#)

Pierola J, Barcelo A, de la Pena M, Barbe F, Soriano JB, Sanchez Armengol A, Martinez C, Agusti A.

The European Respiratory Journal 2007 Oct; 30(4):743.

Pathway

- [Calcium signaling pathway](#)
- [Endocytosis](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acanthosis Nigricans](#)
- [Albuminuria](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anorexia Nervosa](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Behavior Therapy](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bulimia](#)

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Cystitis](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Fatty Liver](#)
- [Fibromyalgia](#)
- [Fractures](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Glomerulonephritis](#)

- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [Heart Failure](#)
- [Hepatitis](#)
- [Hirsutism](#)
- [HIV-Associated Lipodystrophy Syndrome](#)
- [Hyperandrogenism](#)
- [Hypercholesterolemia](#)
- [Hyperglycemia](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hyperuricemia](#)
- [Infertility](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Liver Diseases](#)
- [Low Tension Glaucoma](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)

- [Obesity](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Psychiatric Status Rating Scales](#)
- [Puberty](#)
- [Pulmonary Embolism](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Sleep Apnea Syndromes](#)
- [Stroke](#)
- [Syndrome](#)
- [Thinness](#)
- [Venous Thrombosis](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)