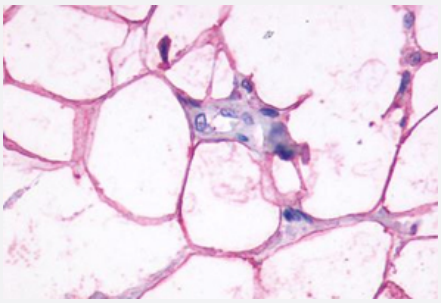
ADRB3 polyclonal antibody

Catalog # PAB25518 Size 50 ug

Applications



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

Immunohistochemical staining of formalin-fixed, paraffin-embedded human adipose tissue after heat-induced antigen retrieval.
Using ADRB3 polyclonal antibody (Cat # PAB25518).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADRB3.
Immunogen	A synthetic peptide corresponding to 18 amino acids at C-terminus of human ADRB3.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except OR2G3 (44%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (36 ug/mL) 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 shoul d be handled by trained staff only.

Applications

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Gene Info — ADRB3

Entrez GeneID	155
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 medi ate catecholamine-induced activation of adenylate cyclase through the action of G proteins. This r eceptor is located mainly in the adipose tissue and is involved in the regulation of lipolysis and the rmogenesis. [provided by RefSeq
Other Designations	Beta-3 Adrenergic Receptor

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