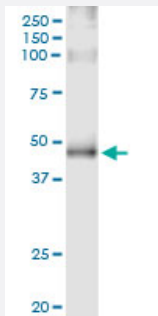


ADRB2 (Human) IP-WB Antibody Pair

Catalog # H00000154-PW1

Size 1 Set

Applications



Immunoprecipitation of ADRB2 transfected lysate using rabbit polyclonal anti-ADRB2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-ADRB2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86%); Rat (87%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ADRB2 transfected lysate using rabbit polyclonal anti-ADRB2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-ADRB2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-ADRB2 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-ADRB2 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — ADRB2

Entrez GeneID [154](#)

Gene Name ADRB2

Gene Alias ADRB2R, ADRBR, B2AR, BAR, BETA2AR

Gene Description adrenergic, beta-2-, receptor, surface

Omim ID [109690](#) [600807](#) [601665](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes beta-2-adrenergic receptor which is a member of the G protein-coupled receptor superfamily. This receptor is directly associated with one of its ultimate effectors, the class C L-type calcium channel Ca(V)1.2. This receptor-channel complex also contains a G protein, an adenylyl cyclase, cAMP-dependent kinase, and the counterbalancing phosphatase, PP2A. The assembly of the signaling complex provides a mechanism that ensures specific and rapid signaling by this G protein-coupled receptor. This gene is intronless. Different polymorphic forms, point mutations, and/or downregulation of this gene are associated with nocturnal asthma, obesity and type 2 diabetes. [provided by RefSeq]

Other Designations beta-2 adrenergic receptor|beta-2 adrenoceptor|catecholamine receptor

Pathway

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

Disease

- [Acanthosis Nigricans](#)
- [Acromegaly](#)
- [Acute Disease](#)

- [Albuminuria](#)
- [Altitude Sickness](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Angina](#)
- [Anorexia Nervosa](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Awareness](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiectasis](#)
- [Bronchiolitis](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Cardiac Output](#)

- [Cardiomegaly](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Chlamydia Infections](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
- [Cough](#)
- [Cystic fibrosis](#)
- [Cystitis](#)
- [Death](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)

- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Emergencies](#)
- [Eosinophilia](#)
- [Fatty Liver](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Fibromyalgia](#)
- [Food Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Glomerulonephritis](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)
- [Heart Failure](#)
- [HIV Infections](#)
- [HIV-Associated Lipodystrophy Syndrome](#)
- [Hydrophthalmos](#)
- [Hypercholesterolemia](#)
- [Hyperinsulinism](#)
- [Hyperlipidemias](#)

- [Hyperlipoproteinemia Type II](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hypertrophy](#)
- [Hyperuricemia](#)
- [Hypoglycemia](#)
- [Hypokalemia](#)
- [Hypokalemic Periodic Paralysis](#)
- [Hypotension](#)
- [Infant](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Limb Deformities](#)
- [Liver Cirrhosis](#)
- [Long QT syndrome](#)
- [Low Tension Glaucoma](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningococcal Infections](#)
- [Mental Disorders](#)

- [Mental Health](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Myocardial Stunning](#)
- [Nasal Polyps](#)
- [Neoplasms](#)
- [Nephrosclerosis](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Pain](#)
- [Placenta Diseases](#)
- [Pneumonia](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)

- [Prenatal Exposure Delayed Effects](#)
- [Prostatic Neoplasms](#)
- [Psychometrics](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Pulmonary Edema](#)
- [Pulmonary Embolism](#)
- [Radius Fractures](#)
- [Recurrence](#)
- [Reflex Sympathetic Dystrophy](#)
- [Renal Insufficiency](#)
- [Respiration Disorders](#)
- [Respiratory Distress Syndrome](#)
- [Respiratory Hypersensitivity](#)
- [Respiratory Sounds](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Shock](#)
- [Skin Diseases](#)
- [Sleep Apnea](#)
- [Status Asthmaticus](#)
- [Stress](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Syncope](#)

- [Syndrome](#)
- [Tachycardia](#)
- [Takotsubo Cardiomyopathy](#)
- [Task Performance and Analysis](#)
- [Temporomandibular Joint Disorders](#)
- [Thinness](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Trachoma](#)
- [Tremor](#)
- [Urticaria](#)
- [Venous Thrombosis](#)
- [Ventricular Dysfunction](#)
- [Ventricular Fibrillation](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)
- [Wounds and Injuries](#)