

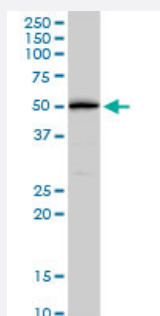
MaxPab®

ADRB2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000154-D01

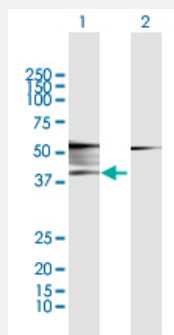
Size 100 uL

Applications



Western Blot (Tissue lysate)

ADRB2 MaxPab rabbit polyclonal antibody. Western Blot analysis of ADRB2 expression in mouse kidney.

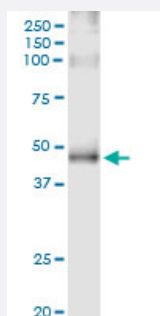


Western Blot (Transfected lysate)

Western Blot analysis of ADRB2 expression in transfected 293T cell line ([H00000154-T02](#)) by ADRB2 MaxPab polyclonal antibody.

Lane 1: ADRB2 transfected lysate(46.6 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ADRB2 transfected lysate using anti-ADRB2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ADRB2 purified MaxPab mouse polyclonal antibody (B01P) ([H00000154-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ADRB2 protein.

Immunogen	ADRB2 (NP_000015.1, 1 a.a. ~ 413 a.a) full-length human protein.
Sequence	MGQPGNGSAFLLAPNRSHAPDHDVTQQRDEVWVVGMGVMSLMLAVFGNVLVITAIKFERLQT VTNYFITSACADLVMGLAVVPFGAAHILMKMWTFGNFWCEFWTSIDVLCVTASIELCVIAVDRYF AITSPFKYQSLLTKNKARVILMVWV/SGLTSFLPIQMHWYRATHQEAINCYANETCCDFFTQAYAIA SSIVSFYVPLVIMVFVYSRVFQEAKRQLQKIDKSEGRFHVQNLSQVEQDGRTGHGLRRSSKFCLK EHKALKTLGIIMGTFTLCWLPPFFIVNIVHVIQDNLIRKEVYLLNWIGYVNSGFNPLIYCRSPDFRIAFQE LLCLRRSSLKAYGNGYSSNGNTGEQSGYHVEQEKENKLLCEDLPGTEDFVGHQGTVPSPDNIDSQ GRNCSTNDSLL
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ADRB2 MaxPab rabbit polyclonal antibody. Western Blot analysis of ADRB2 expression in mouse kidney.

[Protocol Download](#)

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Western Blot analysis of ADRB2 expression in transfected 293T cell line ([H00000154-T02](#)) by ADRB2 MaxPab polyclonal antibody.

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- Immunoprecipitation

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[Protocol Download](#)

Gene Info — ADRB2

Entrez GeneID [154](#)

GeneBank Accession# [NM_000024](#)

Protein Accession# [NP_000015.1](#)

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](#)
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- [Osteoporosis](#)
- [Ovarian Failure](#)
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- [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](#)