

DNAxPAb

Hard-to-Find
Antibody

ADRA2A DNAxPab

Catalog # H00000150-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human ADRA2A DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ADRA2A

Entrez GeneID	150
GeneBank Accession#	NM_000681.2
Protein Accession#	NP_000672.2
Gene Name	ADRA2A
Gene Alias	ADRA2, ADRA2R, ADRAR, ALPHA2AAR, ZNF32
Gene Description	adrenergic, alpha-2A-, receptor
Omim ID	104210
Gene Ontology	Hyperlink
Gene Summary	Alpha-2-adrenergic receptors are members of the G protein-coupled receptor superfamily. They include 3 highly homologous subtypes: alpha2A, alpha2B, and alpha2C. These receptors have a critical role in regulating neurotransmitter release from sympathetic nerves and from adrenergic neurons in the central nervous system. Studies in mouse revealed that both the alpha2A and alpha2C subtypes were required for normal presynaptic control of transmitter release from sympathetic nerves in the heart and from central noradrenergic neurons; the alpha2A subtype inhibited transmitter release at high stimulation frequencies, whereas the alpha2C subtype modulated neurotransmission at lower levels of nerve activity. This gene encodes alpha2A subtype and it contains no introns in either its coding or untranslated sequences. [provided by RefSeq]
Other Designations	OTTHUMP00000058849 alpha-2-adrenergic receptor, platelet type alpha-2A adrenoceptor alpha-2A-adrenergic receptor alpha-2AAR subtype C10 alpha2A adrenergic receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)

- [Autistic Disorder](#)
- [Body Weight](#)
- [Brief Psychiatric Rating Scale](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Choice Behavior](#)
- [Cognition](#)
- [Colitis](#)
- [Constipation](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Dyskinesia](#)
- [Dyslexia](#)
- [Dyspepsia](#)
- [Edema](#)
- [Extraversion \(Psychology\)](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhagic Disorders](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Hyperuricemia](#)
- [Hypotension](#)
- [Impulse Control Disorders](#)

- [Insulin Resistance](#)
- [Irritable Bowel Syndrome](#)
- [Liver Cirrhosis](#)
- [Low Back Pain](#)
- [Low Tension Glaucoma](#)
- [Memory](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Motion Sickness](#)
- [Myocardial Ischemia](#)
- [Myocardial Stunning](#)
- [NARP](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Pain](#)
- [Parkinson disease](#)
- [Personality Disorders](#)
- [Personality Tests](#)
- [Problem Solving](#)
- [Psychiatric Status Rating Scales](#)
- [Psychological Tests](#)
- [Psychomotor Performance](#)
- [Reaction Time](#)

- [Satiation](#)
- [Schizophrenia](#)
- [Sciatica](#)
- [Sensation](#)
- [Sleep Apnea](#)
- [Stress](#)
- [Subarachnoid Hemorrhage](#)
- [Thinness](#)
- [Tourette Syndrome](#)
- [Ventricular Dysfunction](#)
- [Weight Gain](#)
- [Weight Loss](#)