

DNAxPAb

Hard-to-Find
Antibody

CHRNA4 DNAxPab

Catalog # H00001137-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human CHRNA4 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 — CHRNA4

Entrez GeneID	1137
GeneBank Accession#	BC096292.1
Protein Accession#	AAH96292.1
Gene Name	CHRNA4
Gene Alias	BFNC, EBN, EBN1, FLJ95812, NACHR, NACHRA4, NACRA4
Gene Description	cholinergic receptor, nicotinic, alpha 4
Omim ID	118504 188890 600513
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a nicotinic acetylcholine receptor, which belongs to a superfamily of ligand-gated ion channels that play a role in fast signal transmission at synapses. These pentameric receptors can bind acetylcholine, which causes an extensive change in conformation that leads to the opening of an ion-conducting channel across the plasma membrane. This protein is an integral membrane receptor subunit that can interact with either nAChR beta-2 or nAChR beta-4 to form a functional receptor. Mutations in this gene cause nocturnal frontal lobe epilepsy type 1. Polymorphisms in this gene that provide protection against nicotine addiction have been described. [provided by RefSeq]
Other Designations	cholinergic receptor, nicotinic, alpha 4 subunit cholinergic receptor, nicotinic, alpha polypeptide 4 neuronal nicotinic acetylcholine receptor alpha-4 subunit

Disease

- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Amyotrophic lateral sclerosis](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Cleft Lip](#)

- [Cleft Palate](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Cues](#)
- [Discrimination \(Psychology\)](#)
- [Disease Models](#)
- [DNA Damage](#)
- [Ductus Arteriosus](#)
- [Epilepsy](#)
- [Exfoliation Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Memory](#)
- [Motor Neuron Disease](#)
- [NARP](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Parkinson disease](#)
- [Pattern Recognition](#)
- [Personality Assessment](#)
- [Polycystic Ovary Syndrome](#)
- [Prenatal Exposure Delayed Effects](#)
- [Psychological Tests](#)
- [Psychomotor Performance](#)
- [Psychoses](#)

- [Puberty](#)
- [Reaction Time](#)
- [Recognition \(Psychology\)](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Seizures](#)
- [Space Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Verbal Learning](#)
- [Weight Gain](#)