

DNAPab

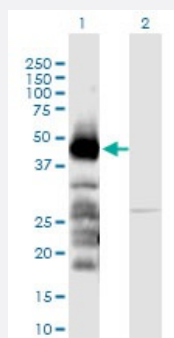
Hard-to-Find
Antibody

CHRM1 DNAPab

Catalog # H00001128-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CHRM1 expression in transfected 293T cell line by CHRM1 DNAPab polyclonal antibody.

Lane 1: CHRM1 transfected lysate(38.39 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a partial-length human CHRM1 DNA using DNAPab™ Immune technology.

Technology

[DNAPab™ Immune](#)

Immunogen

CHRM1 (NP_000729.2, 210 a.a. ~ 366 a.a) partial-length human DNA

Sequence

MNTSAPPAVSPNITVLAPGKGPWQVAFIGITTGLLSLATVTGNLLVLISFKVNTTELKTVNNYFLLSLA
CADLIIGTFSMNLYTTYLLMGHWALGTLACDLWLALDYVASNASVMNLLISFDYFSVTRPLSYRA
KRTPRRAALMIGLAWLVSFVLWAPAILFWQYLVGERTVLGQCQYQFLSQPIITFGTAMAAFYLPVT
VMCTLYWRIYRETNRARELAALQGSETPGKGGSSSSSSERSQPGAEGSPETPPGRCCRCRA
PRLQAYSWKEEEEEDEGSMESELTSSGEEPGSEVVIKMPMVDPEAQAPTKQPPRSSPNTVKR
PTKGRDRAGKQKPRGKEQLAKRKTFSLVKEKKAARTLSAILLAFILTWTPYNIMVLVSTFCKDC
VPETLWELGYWLCYVNSTINPMCYALCNKAFRDTRLLLLCRWDKRRWRKIPKRPGSVHRTPSR
QC

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)

Western Blot analysis of CHRM1 expression in transfected 293T cell line by CHRM1 DNAXpab polyclonal antibody.

Lane 1: CHRM1 transfected lysate(38.39 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CHRM1

Entrez GeneID	1128
GeneBank Accession#	NM_000738.2
Protein Accession#	NP_000729.2
Gene Name	CHRM1
Gene Alias	HM1, M1, MGC30125
Gene Description	cholinergic receptor, muscarinic 1
Omim ID	118510
Gene Ontology	Hyperlink

Gene Summary

The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degradation, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 1 is involved in mediation of vagally-induced bronchoconstriction and in the acid secretion of the gastrointestinal tract. The gene encoding this receptor is localized to 11q13. [provided by RefSeq]

Other Designations

muscarinic acetylcholine receptor M1

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Low Back Pain](#)
- [Mental Disorders](#)
- [Myopia](#)
- [Neuropsychological Tests](#)
- [Pain](#)
- [Psychiatric Status Rating Scales](#)

- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sciatica](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)