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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CHRNA4 monoclonal antibody (M01), clone 4E3

Catalog # : H00001137-M01

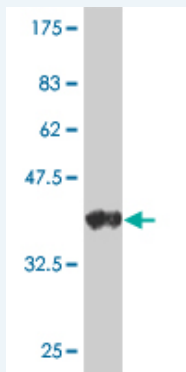
規格 : [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant CHRNA4.
Immunogen:	CHRNA4 (NP_000735, 29 a.a. ~ 128 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	HVETRAHAEERLLKLFSGYNKWSRPVANISDVLVRFGLSIAQLIDVDEK NQMMTTNWWVKQEWHDYKLRWDPADYENVT SIRIPSELWRPDIVLYNN
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1137](#)

GeneBank [NM_000744](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Accession#:**Protein** [NP_000735](#)**Accession#:****Gene Name:** CHRNA4**Gene Alias:** BFNC,EBN,EBN1,FLJ95812,NACHR,NACHRA4,NACRA4**Gene** cholinergic receptor, nicotinic, alpha 4**Description:****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

Related Disease

[Alcoholism](#) [Alcohol-Related Disorders](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Amphetamine-Related Disorders](#) [Amyotrophic lateral sclerosis](#) [Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#) [Bipolar Disorder](#) [Cleft Lip](#) [Cleft Palate](#) [Cognition](#) [Cognition Disorders](#) [Cues Discrimination \(Psychology\)](#) [Disease Models, Animal](#) [DNA Damage](#) [Ductus Arteriosus](#) [Patent](#)

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