



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## CHRNA4 polyclonal antibody (A01)

Catalog # : H00001137-A01

規格 : [ 50 uL ]

List All

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant CHRNA4.

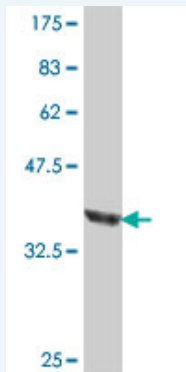
**Immunogen:** CHRNA4 (NP\_000735, 29 a.a. ~ 128 a.a) partial recombinant protein with GST tag.

**Sequence:** HVETRAHAEEERLLKLFSGYNKWSRPVANISDWLVRFGLSIAQLIDVDEK NQMMTTNWWVKQEWHDYKLRWDPADYENVT SIRIPSELWRPDIVLYNN

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.11 kDa) .

**Storage Buffer:** 50 % glycerol

**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 Accession#:** [NM\\_000744](#)

### Application Image

Western Blot (Recombinant protein)

ELISA

**Protein** [NP\\_000735](#)

**Accession#:**

**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

#### **Related Disease**

[Alcoholism](#) [Alcohol-Related Disorders](#) [Alzheimer Disease](#) [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, Animal](#) [DNA Damage](#) [Ductus Arteriosus, Patent](#)

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