



# 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

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## NOTCH3 monoclonal antibody (M01A), clone 1G5

Catalog # : H00004854-M01A

規格 : [ 200 uL ]

[List All](#)

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant NOTCH3.

**Immunogen:** NOTCH3 (NP\_000426, 47 a.a. ~ 156 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

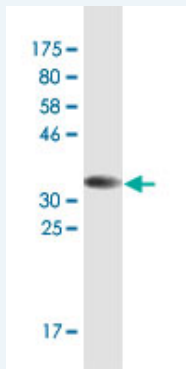
**Sequence:** SPCANGGRCTQLPSREAACLPPGWVGERCQLEDPCHSGPCAGRGV  
CQSSWAGTARFSCRCPRGFRGPDCSLPDPCLSSPCAHGARCSVGPD  
GRFLCSCPPGYQGRSCR

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG2a Kappa

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



Western Blot detection against Immunogen (37.84 KDa) .

**Storage Buffer:** In ascites fluid

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

**MSDS:** [Download](#)

**Interspecies Antigen Sequence:** Mouse (86%); Rat (89%)

**Datasheet:** [Download](#)

### Applications

**Western Blot (Recombinant protein)**

[Protocol Download](#)

**ELISA**

### Application Image

Western Blot (Recombinant protein)

ELISA

## Gene Information

Entrez GeneID: [4854](#)

GeneBank  
Accession#: [NM\\_000435](#)

Protein  
Accession#: [NP\\_000426](#)

Gene Name: NOTCH3

Gene Alias: CADASIL, CASIL

Gene  
Description: Notch homolog 3 (Drosophila)

Omim ID: [125310](#), [600276](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes the third discovered human homologue of the *Drosophila melanogaster* type I membrane protein notch. In *Drosophila*, notch interaction with its cell-bound ligands (delta, serrate) establishes an intercellular signalling pathway that plays a key role in neural development. Homologues of the notch-ligands have also been identified in human, but precise interactions between these ligands and the human notch homologues remains to be determined. Mutations in NOTCH3 have been identified as the underlying cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). [provided by RefSeq]

Other  
Designations: Notch homolog 3

## Gene Pathway

[Dorso-ventral axis formation](#) [Notch signaling pathway](#)

## Related Disease

[Brain Infarction](#) [Brain Ischemia](#) [CADASIL](#) [Cardiovascular Diseases](#) [Cerebral Hemorrhage](#)  
[Cerebral Infarction](#) [Cerebrovascular Accident](#) [Cerebrovascular Disorders](#)  
[Chromosome Aberrations](#) [Cleft Lip](#) [Cleft Palate](#) [Cognition Disorders](#) [Dementia](#)  
[Dementia, Multi-Infarct](#) [Diabetes Mellitus, Type 2](#) [Disease Progression](#)  
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