



# 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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## SORT1 monoclonal antibody (M01), clone 1B3

Catalog # : H00006272-M01

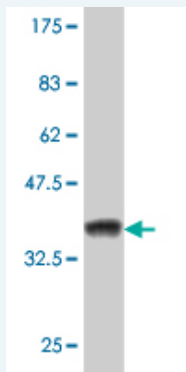
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant SORT1.
<b>Immunogen:</b>	SORT1 (NP_002950, 203 a.a. ~ 299 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	FAKNFVQTDLPFHPLTQMMYSPQNSDYLLALSTENGLWWSKNFGGKWE EIHKAVCLAKWGSNDNTIFFTTYANGSCKADLGALELWRTSDLGKSFKT
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human, Rat
<b>Isotype:</b>	IgG2a Kappa

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



Western Blot detection against Immunogen (36.41 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](#)

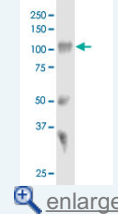
**Datasheet:** [Download](#)

### Applications

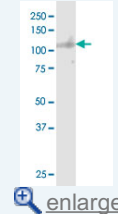
**Western Blot (Tissue lysate)**

### Application Image

Western Blot (Tissue lysate)

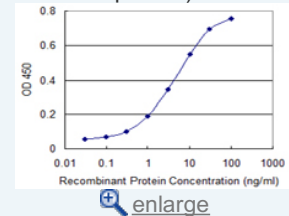


Western Blot (Tissue lysate)

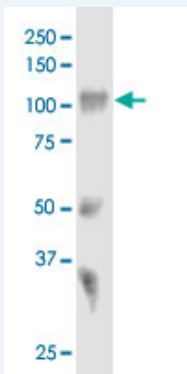


Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



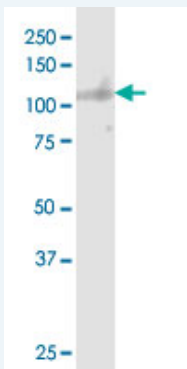
ELISA



SORT1 monoclonal antibody (M01), clone 1B3. Western Blot analysis of SORT1 expression in human placenta.

[Protocol Download](#)

#### Western Blot (Tissue lysate)



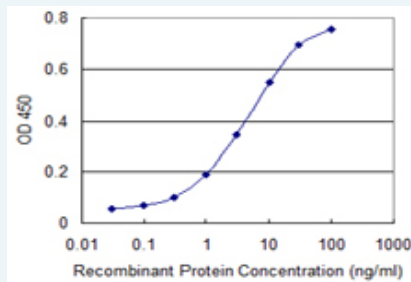
SORT1 monoclonal antibody (M01), clone 1B3. Western Blot analysis of SORT1 expression in rat brain.

[Protocol Download](#)

#### Western Blot (Recombinant protein)

[Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged SORT1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

#### ELISA

#### Gene Information

Entrez GeneID: [6272](#)

GeneBank [NM\\_002959](#)

Accession#:

Protein [NP\\_002950](#)

Accession#:

Gene Name: SORT1

Gene Alias: Gp95,NT3

**Gene** sortilin 1

**Description:**

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**Omim ID:** [602458](#)

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**Gene Ontology:** [Hyperlink](#)

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**Gene Summary:** This gene encodes a protein that is a multi-ligand type-1 receptor with similarity to the yeast carboxypeptidase Y sorting receptor Vps10 protein. The encoded protein, a trans-Golgi network (TGN) transmembrane protein, binds a number of unrelated ligands that participate in a wide range of cellular processes; however, it lacks the typical features of a signalling receptor. In the TGN, furin mediates the activation of the mature binding form. The encoded protein consists of a large luminal domain, a single transmembrane segment and short C-terminal cytoplasmic tail. The luminal domain contains a cysteine-rich region similar to two corresponding segments in the yeast Vps10p; the cytoplasmic tail is similar to the corresponding segment of the cation-independent mannose 6-phosphate receptor and the tail also interacts with the VHS domains of GGA (Golgi-associated, gamma-adaptin homologous, ARF-interacting) proteins. [provided by RefSeq]

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**Other** OTTHUMP00000013784,neurotensin receptor 3

**Designations:**

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**Gene Pathway**

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[Lysosome Neurotrophin signaling pathway](#)

**Related Disease**

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[Alzheimer Disease](#) [Coronary Artery Disease](#) [Coronary Disease](#) [Dementia](#)  
[Frontotemporal Lobar Degeneration](#) [Genetic Predisposition to Disease](#)  
[Lipid Metabolism Disorders](#) [Myocardial Infarction](#) [Ovarian Neoplasms](#)

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