



# 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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## DCX monoclonal antibody (M02), clone 3B7

Catalog # : H00001641-M02

規格 : [ 100 ug ]

List All

Specification	Application Image
<b>Product Description:</b> Mouse monoclonal antibody raised against a full-length recombinant DCX.	ELISA
<b>Immunogen:</b> DCX (AAH27925, 1 a.a. ~ 360 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.	
<b>Sequence:</b> MELDFGHFDERDKTSRNMGRSRMNGLPSPTHSAHCSFYRTRTLQALSN EKKAKKVRFYRNGDRYFKGIVYAVSSDRFRSFDALLADLTRSLSDNINLP QGVRYIYIDGSRKIGSMDELEEGESYVCSSDNFFKKVEYTKMNPWWSV NVKTSANMKAPQSLASSNSAQARENKDFVRPKLVIIIRSGVKPRKAVRVL LNKKTAHSFEQVLTDITEAIKLETGVVKKLYTLDGKQVTCLHDFFGDDDDV FIACGPEKFRYAQDDFSLDENECRVMKGNPSATAGPKASPTPQKTSAKS PGPMMRRSKSPADSANGTSSSQLSTPKSKQSPISTPTSPGSLRKHKDLYL PLSLDDSDSLGDSM	
<b>Host:</b> Mouse	
<b>Reactivity:</b> Human	
<b>Isotype:</b> IgG1 Kappa	
<b>Quality Control Testing:</b> Antibody Reactive Against Recombinant Protein.	
<b>Storage Buffer:</b> In 1x PBS, pH 7.4	
<b>Storage Instruction:</b> Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.	
<b>MSDS:</b>  <a href="#">Download</a>	
<b>Datasheet:</b>  <a href="#">Download</a>	
<b>Applications</b>	
ELISA	
<b>Gene Information</b>	
<b>Entrez GeneID:</b> <a href="#">1641</a>	
<b>GeneBank Accession#:</b> <a href="#">BC027925</a>	
<b>Protein Accession#:</b> <a href="#">AAH27925</a>	
<b>Gene Name:</b> DCX	
<b>Gene Alias:</b> DBCN,DC,LISX,SCLH,XLIS	

**Gene** doublecortin

**Description:**

**Omim ID:** [300067](#), [300121](#)

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

**Gene Summary:** In the developing cortex, cortical neurons must migrate over long distances to reach the site of their final differentiation. The protein encoded by this gene is a cytoplasmic protein which appears to direct neuronal migration by regulating the organization and stability of microtubules. The encoded protein contains two doublecortin domains, which bind microtubules. In addition, the encoded protein interacts with LIS1, the regulatory gamma subunit of platelet activating factor acetylhydrolase, and this interaction is important to proper microtubule function in the developing cortex. Mutations in this gene are a cause of X-linked lissencephaly. Multiple transcript variants encoding at least three different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations:** OTTHUMP00000062892,doublecortex,doublin,lissencephalin-X

**Related Disease**

[Autistic Disorder](#) [Epilepsy](#) [Genetic Predisposition to Disease](#)