



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## NKX2-5 polyclonal antibody (A01)

Catalog # : H00001482-A01

規格 : [ 50 uL ]

List All

### Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length recombinant NKX2-5.
<b>Immunogen:</b>	NKX2-5 (AAH25711, 1 a.a. ~ 324 a.a) full-length recombinant protein with GST tag.
<b>Sequence:</b>	MFPSPALTPFPFSVKDILNLEQQQRSLAAAGELSARLEATLAPSSCMLAA FKPEAYAGPEAAAPGLPELRAELGRAPSPAKCASAFPAPAFYPRAYS PDKPAKDPRAEKELCALQKAVELEKTEADNAERPRARRRRKPRVLF SQAQVYELERRFKQQRYSAPERDQLASVLKLTSTQVKIWFQNR RYKCKRQRQDQTLLELVGLPPPPPPARRIAPVLRDVGKPC LGDSPAPYAPYGVGLNPYGYNAYPAYPGYGAACSPGYSCTA AYPAGPSPAQPATAAANNFVNFVGVGDLNAVQSPGIPQ SNSGVSTLHGIRAW
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer:</b>	50 % glycerol
<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>

### Application Image

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### Applications

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### Gene Information

<b>Entrez GeneID:</b>	<a href="#">1482</a>
<b>GeneBank Accession#:</b>	<a href="#">BC025711</a>
<b>Protein Accession#:</b>	<a href="#">AAH25711</a>
<b>Gene Name:</b>	NKX2-5
<b>Gene Alias:</b>	CHNG5,CSX,CSX1,NKX2.5,NKX2E,NKX4-1
<b>Gene Description:</b>	NK2 transcription factor related, locus 5 (Drosophila)

**Omim ID:** [108900](#), [187500](#), [600584](#)

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

**Gene Summary:** Homeobox-containing genes play critical roles in regulating tissue-specific gene expression essential for tissue differentiation, as well as determining the temporal and spatial patterns of development (Shiojima et al., 1995 [PubMed 7665173]). It has been demonstrated that a Drosophila homeobox-containing gene called 'tinman' is expressed in the developing dorsal vessel and in the equivalent of the vertebrate heart. Mutations in tinman result in loss of heart formation in the embryo, suggesting that tinman is essential for Drosophila heart formation. Furthermore, abundant expression of Csx, the presumptive mouse homolog of tinman, is observed only in the heart from the time of cardiac differentiation. CSX, the human homolog of murine Csx, has a homeodomain sequence identical to that of Csx and is expressed only in the heart, again suggesting that CSX plays an important role in human heart formation.[supplied by OMIM]

**Other Designations:** NK2 transcription factor homolog E, NK2 transcription factor related, locus 5, cardiac-specific homeo box, tinman paralog

### **Related Disease**

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[Chromosome Deletion](#) [Congenital Hypothyroidism](#) [Diabetes Mellitus, Type 2](#)  
[Down Syndrome](#) [Ductus Arteriosus, Patent](#) [Ebstein Anomaly](#) [Edema](#)  
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