



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## NKX2-5 (Human) IP-WB Antibody Pair

Catalog # : H00001482-PW2

規格 : [ 1 Set ]

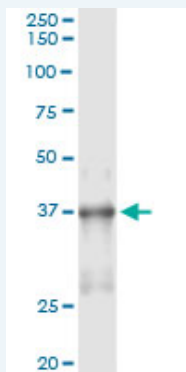
[List All](#)

### Specification

**Product Description:** This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

**Reactivity:** Human

**Quality Control Testing:** Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of NKX2-5 transfected lysate using mouse monoclonal anti-NKX2-5 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-NKX2-5.

**Supplied Product:** Antibody pair set content:  
1. Antibody pair for IP: mouse monoclonal anti-NKX2-5 (300 ug)  
2. Antibody pair for WB: rabbit polyclonal anti-NKX2-5 (50 ul)

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

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

### Applications

**Immunoprecipitation-Western Blot**

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [1482](#)

**Gene Name:** NKX2-5

**Gene Alias:** CHNG5, CSX, CSX1, NKX2.5, NKX2E, NKX4-1

**Gene Description:** NK2 transcription factor related, locus 5 (Drosophila)

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

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

### Application Image

Immunoprecipitation-Western Blot

**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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