

## 11-12023: Polyclonal Antibody to NKX2-5

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	NKX2-5
<b>Gene ID :</b>	1482
<b>Uniprot ID :</b>	P52952
<b>Format :</b>	Purified
<b>Alternative Name :</b>	NKX2-5,CSX,NKX2.5,NKX2E
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant NKX2-5 protein (amino acids 102-324) was used as the immunogen for this antibody.

### Description

Cardiac-specific Nkx2-5 is a member of the NK2 family of homeodomain-containing transcription factors, and its expression and functions overlap with those of GATA4, GATA5, and GATA6 during cardiovascular genesis, especially in the regulation of target gene expression synergistically with GATA4, which justifies screening for Nkx2-5 as a prime candidate gene for idiopathic AF (Atrial Fibrillation). NKX2-5 plays an important role in heart formation and development. Moreover, NKX2-5 not only individually acts in transcriptional regulation, but also interacts with other transcription factors in the early stage of cardiac development.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml

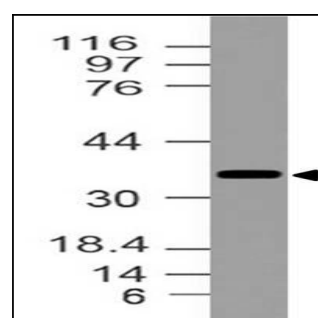


Fig-1: Expression analysis of NKX2-5. Anti-NKX2-5 antibody (11-12023) was used at 2 µg/ml on MCF-7 lysate.