

Rabbit anti-Human NKX2-5 Polyclonal Antibody | anti-NKX2-5 antibody

NKX2-5 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307808	Rabbit	Human	Immunofluorescence, Western Blot

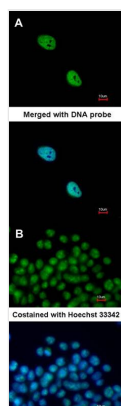
PRODUCT SYNONYMS

NKX2-5; Polyclonal Antibody; NKX2-5 antibody; CSX; CSX1; NKX2.5; NKX2E; NKX4-1; anti-NKX2-5 antibody

PRODUCT SPECIFICATIONS

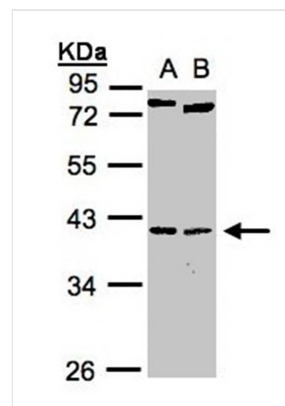
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	324
Applicable Applications for anti-NKX2-5 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 188 of NKX2-5
Target Name	NKX2-5
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

A: Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using NKX2-5 antibody at 1: 200 dilution. B: Immunofluorescence analysis of paraformaldehyde-fixed mouse ESC D3, using Nkx2.5 antibody at 1: 200 dilution.



Application Data

Sample (30 ug whole cell lysate) A: H1299 B: Raji 10% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-NKX2-5 antibody	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]
Product Categories/Family for anti-NKX2-5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758090
NCBI GeneID	1482
NCBI Accession #	NP_004378
NCBI GenBank Nucleotide #	NM_004387.3
Molecular Weight	11,681 Da
NCBI Official Full Name	homeobox protein Nkx-2.5 isoform 1
NCBI Official Synonym Full Names	NK2 homeobox 5
NCBI Official Symbol	NKX2-5
NCBI Official Synonym Symbols	CSX; CSX1; VSD3; CHNG5; HLHS2; NKX2E; NKX2.5; NKX4-1
NCBI Protein Information	homeobox protein Nkx-2.5
UniProt Protein Name	Homeobox protein Nkx-2.5
UniProt Gene Name	NKX2-5
UniProt Synonym Gene Names	CSX; NKX2.5; NKX2E
UniProt Entry Name	NKX25_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nkx2-5-antibody-immunofluorescence-western-blot-elisa/307808>