

Rabbit anti-Human, Mouse NKX2-6 Polyclonal Antibody | anti-NKX2-6 antibody

NKX2-6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39928	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

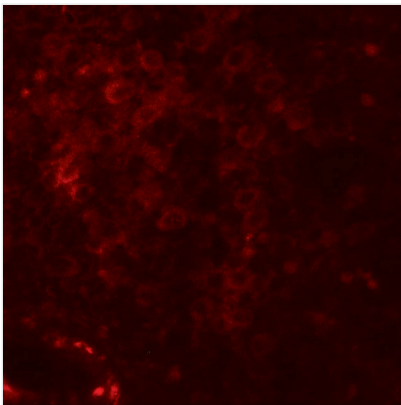
PRODUCT SYNONYMS

NKX2-6; Polyclonal Antibody; NKX2-6 Antibody; CSX2; NKX2F; NKX4-2; Homeobox protein NK-2 homolog F; NK2 homeobox 6; anti-NKX2-6 antibody

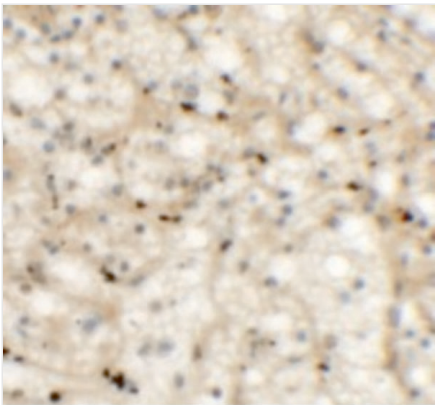
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NKX2-6 antibody is predicted to not cross-react with other NK2 homeobox family members. At least two isoforms of NKX2-6 are known to exist; this antibody will detect both isoforms
Purity/Purification	NKX2-6 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	301
Applicable Applications for anti-NKX2-6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NKX2-6 antibody was raised against a 15 amino acid synthetic peptide near the center of human NKX2-6.
Buffer	NKX2-6 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NKX2-6 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

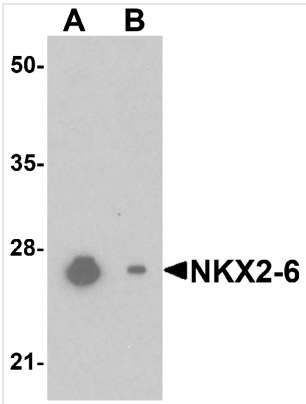
IMAGES



IF (Immunofluorescence)
Immunofluorescence of NKX2-6 in human spleen tissue with NKX2-6 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of NKX2-6 in human spleen tissue with NKX2-6 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of NKX2-6 in mouse heart tissue lysate with NKX2-6 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NKX2-6 antibody	NKX2-6 Antibody: NKX2-6 (NK2 homeobox 6) is a member of a family of transcription factors that are involved in embryonic development and cell fate. NKX2-6 is a vertebrate homolog of Drosophila homeobox-containing protein called 'tinman', which has been shown to be essential for development of the heart-like dorsal vessel. In conjunction with related gene, NKX2-5, this gene may play a role in both pharyngeal and cardiac embryonic development. Mutations in this gene are thought to be a cause for some congenital heart abnormalities.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	343183350
NCBI GeneID	137814
NCBI Accession #	NP_001129743
NCBI GenBank Nucleotide #	NM_001136271.2
UniProt Accession #	A6NCS4
Molecular Weight	32,121 Da
NCBI Official Full Name	homeobox protein Nkx-2.6
NCBI Official Synonym Full Names	NK2 homeobox 6
NCBI Official Symbol	NKX2-6

NCBI Official Synonym Symbols	CSX2; CTHM; NKX2F; NKX4-2
NCBI Protein Information	homeobox protein Nkx-2.6; tinman paralogs; homeobox protein NKX2.6; homeobox protein NK2 homolog F; NK2 transcription factor related, locus 6
UniProt Protein Name	Homeobox protein Nkx-2.6
UniProt Gene Name	NKX2-6
UniProt Synonym Gene Names	NKX2F
UniProt Entry Name	NKX26_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://www.aaabiotech.com/polyclonal/nkx2-6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39928>