

Datasheet for ABIN6991655
anti-NKX2-6 antibody (AA 170-220)



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Overview

Quantity:	0.1 mg
Target:	NKX2-6
Binding Specificity:	AA 170-220
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX2-6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	NKX2-6 antibody was raised against a 15 amino acid synthetic peptide near the center of human NKX2-6. The immunogen is located within amino acids 170 - 220 of NKX2-6.
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
Purification:	NKX2-6 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	NKX2-6
Alternative Name:	NKX2-6 (NKX2-6 Products)

Target Details

Background: 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.

Gene ID: 137814

NCBI Accession: [NP_001129743](#)

UniProt: [A6NCS4](#)

Application Details

Application Notes: NKX2-6 antibody can be used for detection of NKX2-6 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 5 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: NKX2-6 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: NKX2-6 antibody can be stored at 4°C for three months and -20°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.