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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, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)	
Product Details		
Immunogen:	NKX2-6 antibody was raised against a 15 amino acid synthetic peptide near the center of	

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	
background.	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 μ,g/mL. Antibody	
	can also be used for immunohistochemistry starting at 5 $\mu$ ,g/mL. For immunofluorescence	
	start at 5 μ,g/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.	