Datasheet for ABIN3032008

anti-NK2 Homeobox 5 antibody (AA 2-5)

2 Images

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Overview

Quantity:	0.4 mL
Target:	NK2 Homeobox 5 (NKX2-5)
Binding Specificity:	AA 2-5
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NK2 Homeobox 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 2-5 from the human protein was used as the immunogen for this NKX2.5 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	NK2 Homeobox 5 (NKX2-5)
Alternative Name:	NKX2.5 (NKX2-5 Products)
Background:	This gene encodes a homeobox-containing transcription factor. This transcription factor functions in heart formation and development. Mutations in this gene cause atrial septal defect with atrioventricular conduction defect, and also tetralogy of Fallot, which are both heart

Target Details

	malformation diseases. Mutations in this gene can also cause congenital hypothyroidism non-goitrous type 5, a non-autoimmune condition. Alternative splicing results in multiple transcript variants.
UniProt:	P52952
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

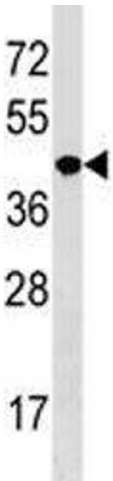
Application Details

Application Notes:	Titration of the NKX2.5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

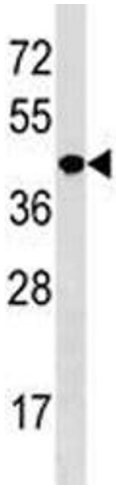
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the NKX2.5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. NKX2.5 antibody western blot analysis in mouse liver tissue lysate.



Western Blotting

Image 2. NKX2.5 antibody western blot analysis in mouse liver tissue lysate.