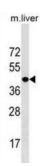
Datasheet

Version: 3.0.0 Revision date: 18 Apr 2025



NK2 Homeobox 5 (NKX2-5) Antibody

Catalogue No.:abx029505



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 malformation diseases. Mutations in this gene can also cause congenital hypothyroidism non-quitrous type 5, a non-autoimmune condition. Alternative splicing results in multiple transcript variants.

Target: NK2 Homeobox 5 (NKX2-5)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 82-111 amino acids from the Central region of human

NKX2-5.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein A column, followed by peptide affinity purification.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P52952 (<u>UniProt</u>, <u>ExPASy</u>)

KEGG: hsa:1482

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String: 9606.ENSP00000327758

Molecular Weight: Calculated MW: 34.9 kDa

Buffer: PBS containing 0.09% sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,

THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL

CONSUMPTION.