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NKX2-5 Rabbit pAb

Catalog No.: A5651 **2 Publications**

Basic Information

Observed MW
37kDa

Calculated MW
35kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse, Rat

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 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.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
1482

Swiss Prot
P52952

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-135 of human NKX2-5 (NP_004378.1).

Synonyms
CSX; CSX1; VSD3; CHNG5; HLHS2; NKX2E; NKX2.5; NKX4-1; NKX2-5

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

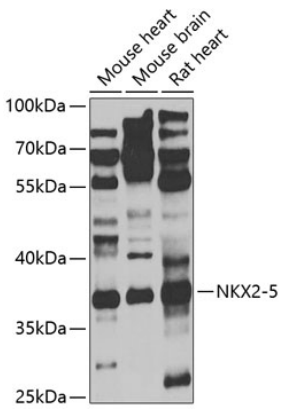
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using NKX2-5 antibody (A5651) at 1:1000 dilution._Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution._Lysates/proteins: 25µg per lane._Blocking buffer: 3% nonfat dry milk in TBST._Detection: ECL Enhanced Kit (RM00021)._Exposure time: 60s.