# NKX2-5 Rabbit Polyclonal Antibody

**CAB12688**

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

48kDa

**Calculated MW:**

11kDa/16kDa/34kDa

**Applications:**

WB

**Reactivity:**

Mouse, Rat

## Antibody Information

**Recommended dilutions:**
WB 1:500 - 1:2000

**Source:**
Rabbit

**Isotype:**
IgG

**Purification:**
Affinity purification

## Protein 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.

## Immunogen information

**Gene ID:**
1482

**Uniprot**
P52952

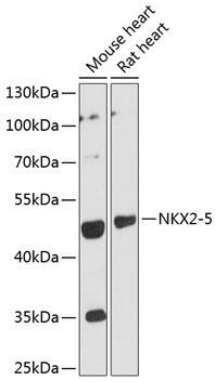
**Synonyms:**
NKX2-5; CHNG5; CSX; CSX1; HLHS2; NKX2.5; NKX2E; NKX4-1; VSD3

**Immunogen:**
A synthetic peptide corresponding to a sequence within amino acids 50-150 of human NKX2-5 (NP_004378.1).

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

**Product Images**




Western blot analysis of extracts of various cell lines, using NKX2-5 antibody (CAB12688) at 1:3000 dilution._Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution._Lysates/proteins: 25ug per lane._Blocking buffer: 3% nonfat dry milk in TBST._Detection: ECL Enhanced Kit (CABM00021)._Exposure time: 90s.