A9855

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# HAND1 Rabbit pAb

**Catalog No.: A9855** 2 Publications

## Basic Information

**Observed MW**
30kDa

**Calculated MW**
24kDa

**Category**
Polyclonal Antibody

**Applications**
WB,ELISA

**Cross-Reactivity**
Human,Mouse

## Background

The protein encoded by this gene belongs to the basic helix-loop-helix family of transcription factors. This gene product is one of two closely related family members, the HAND proteins, which are asymmetrically expressed in the developing ventricular chambers and play an essential role in cardiac morphogenesis. Working in a complementary fashion, they function in the formation of the right ventricle and aortic arch arteries, implicating them as mediators of congenital heart disease. In addition, it has been suggested that this transcription factor may be required for early trophoblast differentiation.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
9421

**Swiss Prot**
O96004

**Immunogen**
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

**Synonyms**
Hxt; eHand; Thing1; bHLHa27; HAND1

## Contact

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## Product Information

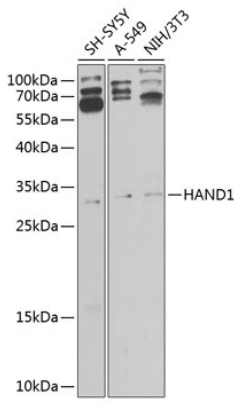
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃

## Validation Data




Western blot analysis of various lysates using HAND1 Rabbit pAb (A9855) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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 Basic Kit (RM00020).
Exposure time: 5s.



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