

# HAND1 Rabbit Polyclonal Antibody



**CAB9855**

---

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

30kDa

**Calculated MW:**

23kDa

**Applications:**

WB

**Reactivity:**

Human, Mouse

## Protein 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.

## Immunogen information

**Gene ID:**

9421

**Uniprot**

O96004

**Synonyms:**

HAND1; Hxt; Thing1; bHLHa27; eHand

## Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000

**Immunogen:**

Recombinant fusion protein containing a sequence corresponding to amino acids 16-215 of human HAND1 (NP\_004812.1).

**Source:**

Rabbit

**Storage:**

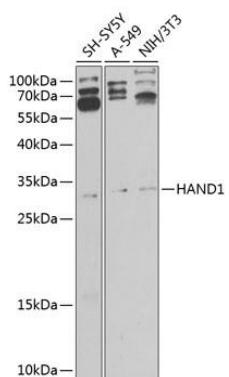
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Purification:**

Affinity purification

## Product Images

---



Western blot analysis of extracts of various cell lines, using HAND1 antibody (CAB9855) at 1:1000 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 Basic Kit (CABM00020). Exposure time: 5s.