

## HAND2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:** 23kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human HAND2

**Storage Buffer:**

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

**Synonym:**

Hed; dHand; DHAND2; Thing2; bHLHa26;

**Catalog #:** A7044

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 9464

**Isotype:** IgG

**Swiss Prot:** P61296

**Purity:** Affinity purification

For research use only.

**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, this transcription factor plays an important role in limb and branchial arch development.

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