

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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