

# **Product datasheet for TA334253**

## **HAND1** Rabbit Polyclonal Antibody

### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-HAND1 antibody: synthetic peptide directed towards the N terminal

of human HAND1. Synthetic peptide located within the following region: CHQERPYFQSWLLSPADAAPDFPAGGPPPAAAAAATAYGPDARPGQSPGR

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 23 kDa

**Gene Name:** heart and neural crest derivatives expressed 1

Database Link: NP 004812

Entrez Gene 9421 Human

O96004



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#### **HAND1 Rabbit Polyclonal Antibody - TA334253**

**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.

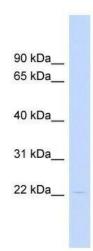
Synonyms: bHLHa27; eHand; Hxt; Thing1

**Note:** Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Sheep:

100%; Bovine: 100%; Guinea pig: 100%; Dog: 92%; Horse: 92%; Rabbit: 85%

**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

## **Product images:**



WB Suggested Anti-HAND1 Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Liver