



Zebrafish HAND2 blocking peptide (CDBP1454)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Blocking/Immunizing peptide for anti-Hand2 (zebrafish) antibody |
| Antigen Description | 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. [provided by RefSeq, Jul 2008] |
| Species | zebrafish |
| Conjugate | Unconjugated |
| Applications | Apuri, BL, ELISA |
| Format | Lyophilized powder |
| Size | 100 µg |
| Preservative | None |
| Storage | Shipped at ambient temperature, store at -20°C. |

GENE INFORMATION

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|------------------------|---|
| Gene Name | hand2 heart and neural crest derivatives expressed transcript 2 [Danio rerio (zebrafish)] |
| Official Symbol | HAND2 |
| Synonyms | HAND2; heart and neural crest derivatives expressed transcript 2; dhand; zdHAND; |

zgc:103415; heart- and neural crest derivatives-expressed protein 2; han; hands off; deciduum, heart, autonomic nervous system and neural crest derivatives-expressed protein 2;

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|---------------------|---|
| Entrez Gene ID | 58150 |
| mRNA Refseq | NM_131626.2 |
| Protein Refseq | NP_571701.2 |
| UniProt ID | Q5XJD8 |
| Chromosome Location | chromosome: 1 |
| Function | DNA binding; protein dimerization activity; |