

## HAND1 (phospho Ser98) Polyclonal Antibody

Cat #: ABP57040

Size: 30µl /100µl /200µl

### Product Information

|                                                                                   |                                                                      |                                                                                   |                                           |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                                                                                   | <b>Product Name:</b> HAND1 (phospho Ser98) Polyclonal Antibody       |                                                                                   |                                           |
|                                                                                   | <b>Applications:</b> IHC-P, ELISA                                    |                                                                                   | <b>Isotype:</b> Rabbit IgG                |
|                                                                                   | <b>Reactivity:</b> Human, Mouse, Rat                                 |                                                                                   |                                           |
| <b>REF</b>                                                                        | <b>Catalog Number:</b> ABP57040                                      | <b>LOT</b>                                                                        | <b>Lot Number:</b> Refer to product label |
|                                                                                   | <b>Formulation:</b> Liquid                                           |                                                                                   | <b>Concentration:</b> 1 mg/ml             |
|  | <b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles. |  | <b>Note:</b> Contain sodium azide.        |

**Background:** The protein encoded by HAND1 (heart and neural crest derivatives expressed 1) 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.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:100-1:300), ELISA (1:10000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.