

## Rabbit anti-Human HAND1 Polyclonal Antibody | anti-HAND1 antibody

HAND1 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA309301</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

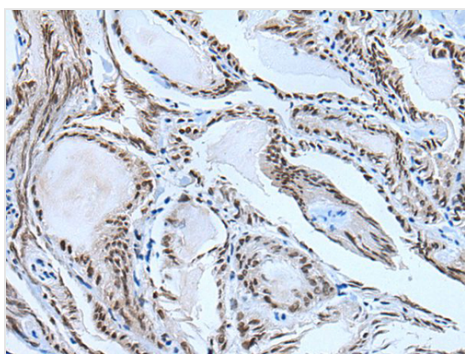
### PRODUCT SYNONYMS

HAND1; Polyclonal Antibody; HAND1 Antibody; Hxt; eHand; Thing1; bHLHa27; anti-HAND1 antibody

### PRODUCT SPECIFICATIONS

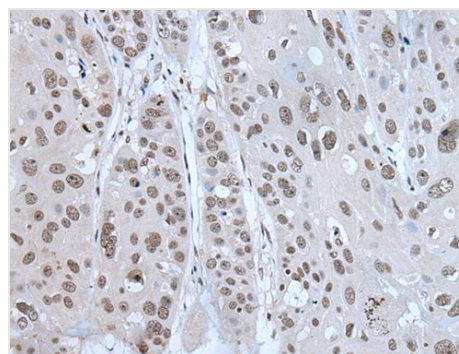
|                                                 |                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------|
| Host                                            | Rabbit                                                          |
| Reactivity                                      | Human                                                           |
| Clonality                                       | Polyclonal                                                      |
| Specificity                                     | The antibody detects endogenous levels of total HAND1 protein.  |
| Purity/Purification                             | Antigen affinity purification                                   |
| Form/Format                                     | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                   | 0.7mg/ml (varies by lot)                                        |
| Sequence Length                                 | 215                                                             |
| Applicable Applications for anti-HAND1 antibody | IHC (Immunohistochemistry)                                      |
| Immunogen                                       | Synthetic peptide of human HAND1                                |
| Immunogen Type                                  | Peptide                                                         |
| Preparation and Storage                         | Store at -20 degree C                                           |

### IMAGES



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using HAND1 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HAND1 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HAND1 antibody | 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. |
| Product Categories/Family for anti-HAND1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 4758506                                                 |
| NCBI GeneID                      | 9421                                                    |
| NCBI Accession #                 | NP_004812.1                                             |
| NCBI GenBank Nucleotide #        | NM_004821.2                                             |
| UniProt Accession #              | O96004                                                  |
| Molecular Weight                 | 23,627 Da                                               |
| NCBI Official Full Name          | heart- and neural crest derivatives-expressed protein 1 |
| NCBI Official Synonym Full Names | heart and neural crest derivatives expressed 1          |
| NCBI Official Symbol             | HAND1                                                   |
| NCBI Official Synonym Symbols    | Hxt; eHand; Thing1; bHLHa27                             |
| NCBI Protein Information         | heart- and neural crest derivatives-expressed protein 1 |
| UniProt Protein Name             | Heart- and neural crest derivatives-expressed protein 1 |
| UniProt Gene Name                | <b>HAND1</b>                                            |
| UniProt Synonym Gene Names       | BHLHA27; EHAND; bHLHa27; eHAND                          |
| UniProt Entry Name               | HAND1_HUMAN                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hand1-antibody-immunohistochemistry-elisa/309301>