

## Rabbit HER4 Polyclonal Antibody | anti-HER4 antibody

HER4 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                    |
|-----------|--------|-------------------|-------------------------------------------------|
| AAA316923 | Rabbit | Human, Mouse, Rat | ELISA, Immunofluorescence, Immunohistochemistry |

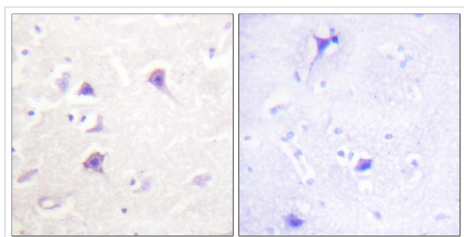
### PRODUCT SYNONYMS

HER4; Polyclonal Antibody; HER4 Antibody; ERBB4; kinase ErbB4; p180erbB4; anti-HER4 antibody

### PRODUCT SPECIFICATIONS

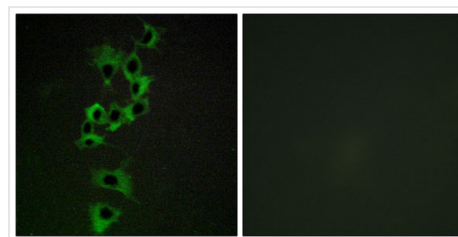
|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                                |
| Specificity                                    | HER4 Antibody detects endogenous levels of total HER4 protein.                                                            |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using immunogen.                                                |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                | 1,282                                                                                                                     |
| Applicable Applications for anti-HER4 antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)                                                                |
| Target Modification                            | Unmodified/Total                                                                                                          |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human HER4.                                           |
| Immunogen Range                                | 1250-1299                                                                                                                 |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                               |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using HER4 Antibody. The picture on the right is blocked with the synthesized peptide.



#### IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using HER4 Antibody. The picture on the right is blocked with the synthesized peptide.

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 110825958 |
| NCBI GeneID | 2066      |

|                                  |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_001036064.1</a>                                                                                                                      |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001042599.1</a>                                                                                                                      |
| UniProt Accession #              | <a href="#">Q15303</a> ; <a href="#">Q2M1W1</a> ; <a href="#">Q59EW4</a> ; <a href="#">B7ZLD7</a> ; <a href="#">B7ZLE2</a> ; <a href="#">B7ZLE3</a> |
| Molecular Weight                 | 146 kDa                                                                                                                                             |
| NCBI Official Full Name          | receptor tyrosine-protein kinase erbB-4 isoform JM-a/CVT-2                                                                                          |
| NCBI Official Synonym Full Names | erb-b2 receptor tyrosine kinase 4                                                                                                                   |
| NCBI Official Symbol             | ERBB4                                                                                                                                               |
| NCBI Official Synonym Symbols    | HER4; ALS19; p180erbB4                                                                                                                              |
| NCBI Protein Information         | receptor tyrosine-protein kinase erbB-4                                                                                                             |
| UniProt Protein Name             | Receptor tyrosine-protein kinase erbB-4                                                                                                             |
| UniProt Gene Name                | <b>ERBB4</b>                                                                                                                                        |
| UniProt Synonym Gene Names       | HER4; 4ICD; E4ICD                                                                                                                                   |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/her4-antibody-immunofluorescence-immunohistochemistry-elisa/316923>