

## **ErbB-3 Polyclonal Antibody**

**Catalog # AP69792** 

## **Specification**

# **ErbB-3 Polyclonal Antibody - Product Information**

Application WB
Primary Accession P21860

Reactivity Human, Mouse, Rat Host Rabbit

Clonality Rabbit Polyclonal

# **ErbB-3 Polyclonal Antibody - Additional Information**

**Gene ID 2065** 

### **Other Names**

ERBB3; HER3; Receptor tyrosine-protein kinase erbB-3; Proto-oncogene-like protein c-ErbB-3; Tyrosine kinase-type cell surface receptor HER3

#### **Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

# **Storage Conditions**

-20°C

### **ErbB-3 Polyclonal Antibody - Protein Information**

## Name ERBB3

**Synonyms** HER3

#### **Function**

Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase (PubMed:<a href="http://www.uniprot.org/citations/20682778" target="\_blank">20682778</a>). May also be activated by CSPG5 (PubMed:<a href="http://www.uniprot.org/citations/15358134" target="\_blank">15358134</a>). Involved in the regulation of myeloid cell differentiation (PubMed:<a href="http://www.uniprot.org/citations/27416908" target=" blank">27416908</a>).

#### **Cellular Location**

[Isoform 1]: Cell membrane; Single-pass type I membrane protein

#### **Tissue Location**

Epithelial tissues and brain.

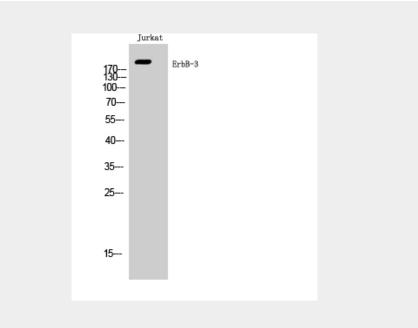


# **ErbB-3 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **ErbB-3 Polyclonal Antibody - Images**



ErbB-3 Polyclonal Antibody - Background

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