

**Phospho-ErbB 3 (Y1289) Antibody**  
Rabbit mAb  
Catalog # AP93274**Specification****Phospho-ErbB 3 (Y1289) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P21860</a>
Clonality	<b>Monoclonal</b>
<b>Other Names</b>	
ERBB3; HER3; LCCS2; p180 ErbB3; p45 sErbB3; p85 sErbB3;	
Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>148098 Da</b>

**Phospho-ErbB 3 (Y1289) Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Phospho-ErbB 3 (Y1289)</b>
Description	<b>Binds and is activated by neuregulins and NTAK.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**Phospho-ErbB 3 (Y1289) 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:[20682778](http://www.uniprot.org/citations/20682778)). May also be activated by CSPG5 (PubMed:[15358134](http://www.uniprot.org/citations/15358134)). Involved in the regulation of myeloid cell differentiation (PubMed:[27416908](http://www.uniprot.org/citations/27416908)).

**Cellular Location**

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

**Tissue Location**

Epithelial tissues and brain.

## **Phospho-ErbB 3 (Y1289) Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Phospho-ErbB 3 (Y1289) Antibody - Images**