

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

### Specification

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#### Phospho-ErbB 3 (Y1289) Antibody - Product Information

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

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

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-ErbB 3 (Y1289)
Description	Binds and is activated by neuregulins and NTAK.
Storage Condition and Buffer	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.

#### 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**