10320 Camino Santa Fe, Suite G
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Phospho-ErbB 3 (Y1289) Antibody
Rabbit mAb
Catalog # AP93274

Specification

Phospho-ErbB 3 (Y1289) Antibody - Product Information

Application	**WB**
Primary Accession	P21860
Clonality	**Monoclonal**

Other Names
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). May also be activated by CSPG5 (PubMed:15358134). Involved in the regulation of myeloid cell differentiation (PubMed:27416908).

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

Tissue Location
Epithelial tissues and brain.

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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 Cytomety
- Cell Culture

Phospho-ErbB 3 (Y1289) Antibody - Images