

Phospho-ErbB3 (Y1222) Antibody

Rabbit mAb Catalog # AP92264

Specification

Phospho-ErbB3 (Y1222) Antibody - Product Information

Application WB, ICC, IP
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-ErbB3 (Y1222) Antibody - Additional Information

Dilution WB~~1:1000

ICC~~N/A IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

ErbB3

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-ErbB3 (Y1222) 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



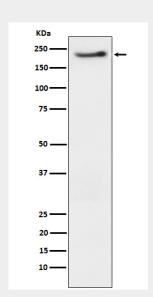
Tissue LocationEpithelial tissues and brain.

Phospho-ErbB3 (Y1222) 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

Phospho-ErbB3 (Y1222) Antibody - Images



Western blot analysis of Phospho-ErbB3 (Y1222) expression in SKBR3 cell treated with neuregulin.