



Phospho-ErbB3 (Y1222) Antibody

Rabbit mAb Catalog # AP92264

Product Information

Application WB, IF, ICC, IP **Primary Accession** P21860

Reactivity Human
Clonality Monoclonal

Other Names ERBB3; HER3; LCCS2; p180 ErbB3; p45 sErbB3; p85 sErbB3;

IsotypeRabbit IgGHostRabbitCalculated MW148098

Additional Information

Dilution WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50

Purification Affinity-chromatography

ImmunogenA 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.

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;

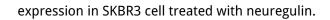
ligand-binding increases phosphorylation on tyrosine residues and promotes

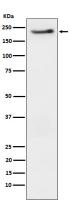
its association with the p85 subunit of phosphatidylinositol 3-kinase (PubMed: 20682778). May also be activated by CSPG5 (PubMed: 15358134). Involved in the regulation of myeloid cell differentiation (PubMed: 27416908).

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

Tissue Location Epithelial tissues and brain.

Images





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