10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ErbB-3 (phospho Tyr1328) Polyclonal Antibody
Catalog # AP67920

Specification

ErbB-3 (phospho Tyr1328) Polyclonal Antibody - Product Information

Application	**IHC**
Primary Accession	P21860
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

ErbB-3 (phospho Tyr1328) Polyclonal Antibody - Additional Information

Gene ID 2065

Other Names
ERBB3; HER3; Receptor tyrosine-protein kinase erbB-3; Proto-oncogene-like protein c-ErbB-3; Tyrosine kinase-type cell surface receptor HER3

Dilution
IHC~~Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

ErbB-3 (phospho Tyr1328) Polyclonal 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.

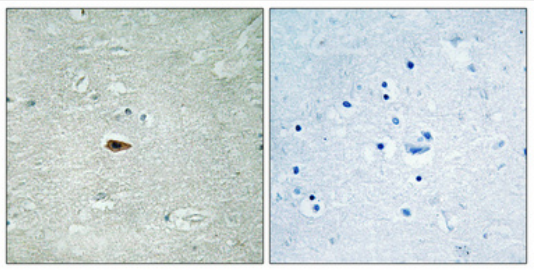
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

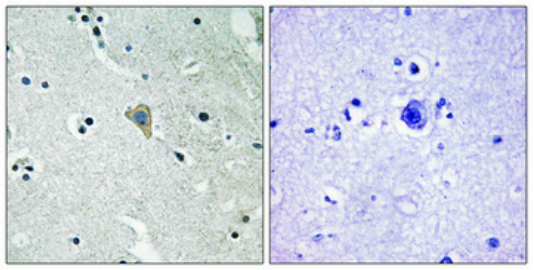
ErbB-3 (phospho Tyr1328) Polyclonal Antibody - Protocols

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

ErbB-3 (phospho Tyr1328) Polyclonal Antibody - Images





ErbB-3 (phospho Tyr1328) Polyclonal Antibody - Background

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).