

Anti-ErbB (HER3) Rabbit Monoclonal Antibody
Catalog # ABO14070

Specification

Anti-ErbB (HER3) Rabbit Monoclonal Antibody - Product Information

Application	WB, IP
Primary Accession	P21860
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-ErbB (HER3) Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Rat.

Anti-ErbB (HER3) Rabbit Monoclonal Antibody - Additional Information

Gene ID 2065

Other Names

Receptor tyrosine-protein kinase erbB-3, 2.7.10.1, Proto-oncogene-like protein c-ErbB-3, Tyrosine kinase-type cell surface receptor HER3, ERBB3, HER3

Calculated MW

148098 MW KDa

Application Details

WB 1:500-1:2000
IP 1:30

Subcellular Localization

Isoform 1: Cell membrane; Single-pass type I membrane protein.

Tissue Specificity

Epithelial tissues and brain.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human ErbB (HER3)

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated

freeze-thaw cycles.

Anti-ErbB (HER3) Rabbit Monoclonal 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

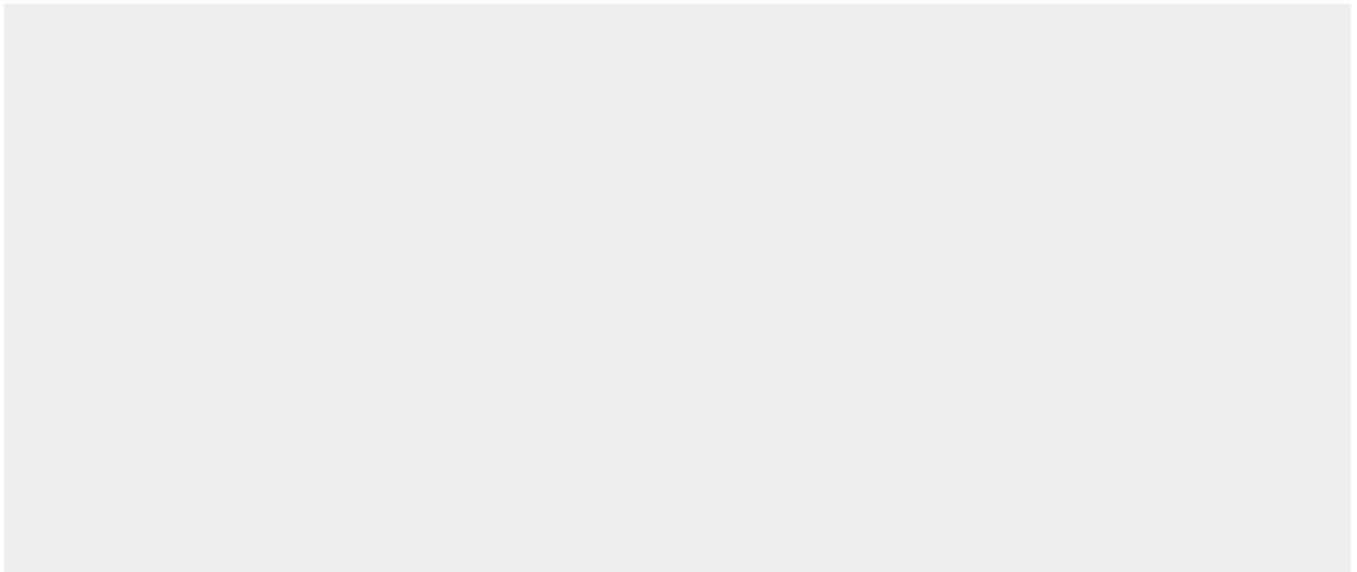
Epithelial tissues and brain.

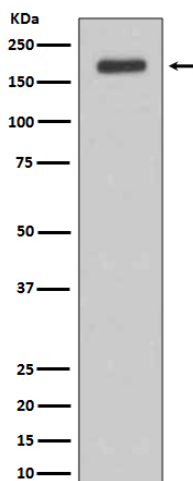
Anti-ErbB (HER3) Rabbit Monoclonal Antibody - Protocols

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](#)

Anti-ErbB (HER3) Rabbit Monoclonal Antibody - Images





Western blot analysis of ErbB3 (HER3) expression in MCF-7 cell lysate.