

## HER3 (Phospho-Tyr228) Antibody

Catalog No: #SAB243



Package Size: #SAB243-1 50ul #SAB243-2 100ul

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## Description

Product Name	HER3 (Phospho-Tyr228) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	Custom antibody
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	HER3
Other Names	Receptor tyrosine-protein kinase erbB-3; ERBB3
Accession No.	uniprot:P21860
Calculated MW	148kDa
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

Western blotting: 1:500~1:1000

## 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). Involved in the regulation of myeloid cell differentiation (PubMed:27416908).

Note: This product is for in vitro research use only