

HER3 Antibody | anti-HER3 antibody

HER3 (Phospho-Tyr1222) Antibody

CATALOG # AAA112151	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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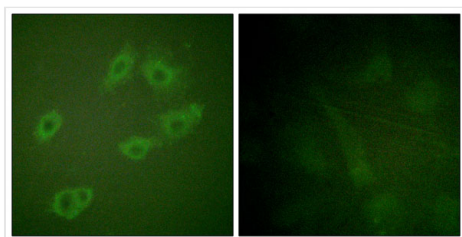
PRODUCT SYNONYMS

HER3; HER3 (Phospho-Tyr1222) Antibody; EC 2.7.10.1; ERB3; ERBB3; Receptor protein-tyrosine kinase erbB-3 precursor; Tyrosine kinase-type cell surface receptor HER3; c-erbB3; kinase ErbB3; anti-HER3 antibody

PRODUCT SPECIFICATIONS

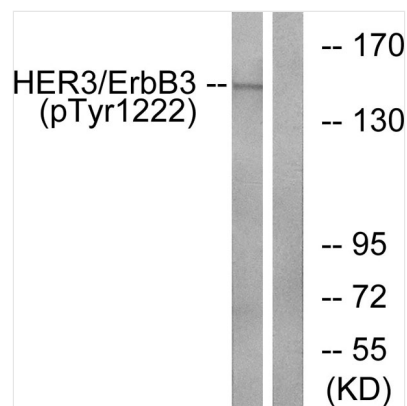
Reactivity	Human, Mouse, Rat
Specificity	HER3/ErbB3 (Phospho-Tyr1222) antibody detects endogenous levels of HER3/ErbB3 only when phosphorylated at tyrosine 1222.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	183
Applicable Applications for anti-HER3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HER3/ErbB3 around the phosphorylation site of tyrosine 1222 (L-G-YP-E-Y).
All Sites	Human: Tyr1222 Mouse: Tyr1219 Rat: Tyr1219
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data

P-peptide-+ Immunofluorescence analysis of HuvEc cells, using HER3/ErbB3 (Phospho-Tyr1222) antibody.



WB (Western Blot)

Western blot analysis of extracts from HUVEC cells, treated with EGF (200ng/ml, 30mins), using HER3/ErbB3 (Phospho-Tyr1222) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HER3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Katoh M., Biochem. Biophys. Res. Commun. 192:1189-1197(1993). Kinugasa Y., Biochem. Biophys. Res. Commun. 321:1045-1049(2004). Narkis G., Am. J. Hum. Genet. 81:589-595(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792102
NCBI GeneID	2065
NCBI Accession #	NP_001005915.1
NCBI GenBank Nucleotide #	NM_001005915.1
UniProt Accession #	P21860; Q9BUD7; A8K6L6; B4DIK7; B4DV32; E9PDT8
Molecular Weight	77,426 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-3 isoform s
NCBI Official Synonym Full Names	erb-b2 receptor tyrosine kinase 3
NCBI Official Symbol	ERBB3
NCBI Official Synonym Symbols	HER3; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3
NCBI Protein Information	receptor tyrosine-protein kinase erbB-3
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-3
UniProt Gene Name	ERBB3
UniProt Synonym Gene Names	HER3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/her3/112151>