

HER3 Antibody | anti-HER3 antibody

HER3 (Phospho-Tyr1197) Antibody

CATALOG # AAA267836	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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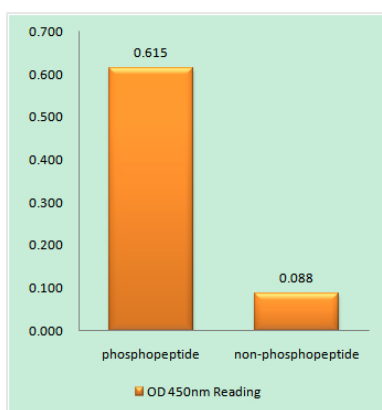
PRODUCT SYNONYMS

HER3; HER3 (Phospho-Tyr1197) Antibody; c-erbB3; EC 2.7.10.1; ERB3; ERBB3; kinase ErbB3; Receptor protein-tyrosine kinase erbB-3 precursor; Tyrosine kinase-type cell surface receptor HER3; anti-HER3 antibody

PRODUCT SPECIFICATIONS

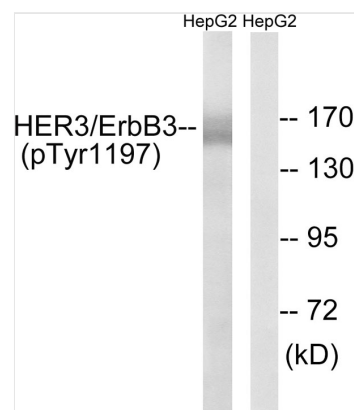
Reactivity	Human, Mouse, Rat
Specificity	HER3 (Phospho-Tyr1197) antibody detects endogenous levels of HER3 only when phosphorylated at tyrosine 1197.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HER3 around the phosphorylation site of tyrosine 1197 (E-E-YP-E-Y).
All Sites	Human: Tyr1197 Mouse: Tyr1194 Rat: Tyr1194
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using HER3 (Phospho-Tyr1197) antibody. HER3 (Phospho-Tyr1197) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.



Application Data

ADDITIONAL INFORMATION

References	Kraus M.H., Proc. Natl. Acad. Sci. U.S.A. 86:9193-9197(1989). Plowman G.D., Proc. Natl. Acad. Sci. U.S.A. 87:4905-4909(1990). Katoh M., Biochem. Biophys. Res. Commun. 192:1189-1197(1993).
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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.