

HER4 Antibody | anti-HER4 antibody

HER4 (Phospho-Tyr1284) Antibody

CATALOG # AAA267196	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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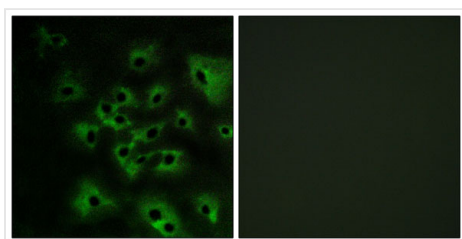
PRODUCT SYNONYMS

HER4; HER4 (Phospho-Tyr1284) Antibody; EC 2.7.10.1; ERBB4; kinase ErbB4; p180erbB4; anti-HER4 antibody

PRODUCT SPECIFICATIONS

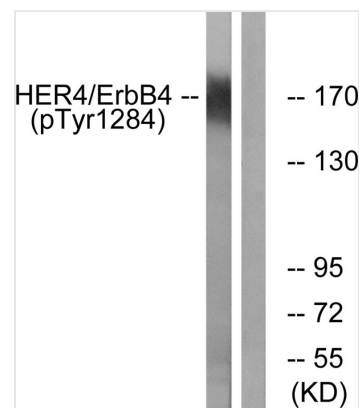
Reactivity	Human, Mouse, Rat
Specificity	HER4/ErbB4 (Phospho-Tyr1284) antibody detects endogenous levels of HER4/ErbB4 only when phosphorylated at tyrosine 1284.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody 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	1292
Applicable Applications for anti-HER4 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HER4/ErbB4 around the phosphorylation site of tyrosine 1284 (P-E-YP-L-S).
All Sites	Human: Tyr1284 Mouse: Tyr493 Rat: Tyr1284
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HUVEC cells, treated with EGF (200ng/ml, 30mins), using HER4/ErbB4 (Phospho-Tyr1284) antibody. Immunofluorescence analysis of COS7 cells, using HER4/ErbB4 (Phospho-Tyr1284) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-HER4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Plowman G.D., Proc. Natl. Acad. Sci. U.S.A. 90:1746-1750(1993). Elenius K., J. Biol. Chem. 272:26761-26768(1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	110825958
NCBI GeneID	2066
NCBI Accession #	NP_001036064.1
NCBI GenBank Nucleotide #	NM_001042599.1
UniProt Accession #	Q15303; Q2M1W1; Q59EW4; B7ZLD7; B7ZLE2; B7ZLE3
Molecular Weight	143,968 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-4 isoform JM-a/CVT-2
NCBI Official Synonym Full Names	erb-b2 receptor tyrosine kinase 4
NCBI Official Symbol	ERBB4
NCBI Official Synonym Symbols	HER4; ALS19; p180erbB4
NCBI Protein Information	receptor tyrosine-protein kinase erbB-4
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-4
UniProt Gene Name	ERBB4
UniProt Synonym Gene Names	HER4; 4ICD; E4ICD

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/her4/267196>