

Rabbit HER4 Polyclonal Antibody | anti-ERBB4 antibody

HER4 Antibody (C-term Y1162)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289146	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

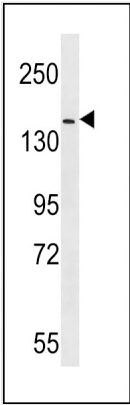
PRODUCT SYNONYMS

HER4; Polyclonal Antibody; HER4 Antibody (C-term Y1162); Receptor tyrosine-protein kinase erbB-4; Proto-oncogene-like protein c-ErbB-4; Tyrosine kinase-type cell surface receptor HER4; p180erbB4; ERBB4 intracellular domain; 4ICD; E4ICD; s80HER4; ERBB4; anti-ERBB4 antibody

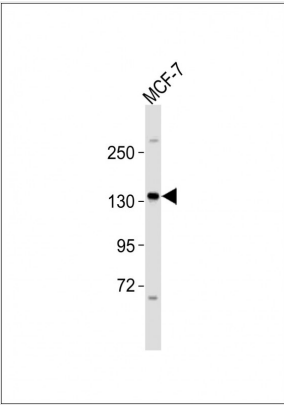
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HER4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1141-1166 amino acids from the C-terminal region of human HER4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1141-1166
Sequence Length	1292
Applicable Applications for anti-ERBB4 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
HER4 Antibody (pY1162) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the HER4 antibody detected the HER4 protein (arrow).



WB (Western Blot)
Anti-HER4 Antibody (pY1162)at 1:2000 dilution + MCF-7 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 147 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ERBB4 antibody	The function of this protein remains unknown.
Product Categories/Family for anti-ERBB4 antibody	Cancer; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	110825958
NCBI GeneID	2066
NCBI Accession #	NP_001036064.1; NP_005226.1
NCBI GenBank Nucleotide #	NM_001042599.1
UniProt Accession #	Q15303; Q2M1W1; Q59EW4; B7ZLD7; B7ZLE2; B7ZLE3
Molecular Weight	146808
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
UniProt Entry Name	ERBB4_HUMAN

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.