

Rabbit HER3/ErbB3 Polyclonal Antibody | anti-HER3/ErbB3 antibody

HER3/ErbB3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328600	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

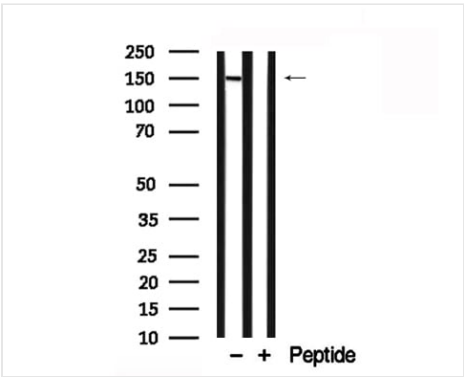
PRODUCT SYNONYMS

HER3/ErbB3; Polyclonal Antibody; HER3/ErbB3 Antibody; c erbB 3; c erbB3; Erb b2 receptor tyrosine kinase 3; ErbB 3; ERBB3; ERBB3 protein; erbB3 S; ERBB3_HUMAN; Glial growth factor receptor; HER 3; HER3; Human epidermal growth factor receptor 3; LCCS2; MDA BF 1; MGC88033; p180 ErbB3; p45 sErbB3; p85 sErbB3; proto-oncogene-like protein c ErbB 3; proto-oncogene-like protein c ErbB3; Proto-oncogene-like protein c-ErbB-3; Receptor tyrosine protein kinase erbB 3; Receptor tyrosine protein kinase erbB3; Receptor tyrosine-protein kinase erbB-3; Tyrosine kinase type cell surface receptor HER3; Tyrosine kinase-type cell surface receptor HER3; v erb b2 avian erythroblastic leukemia viral oncogene homolog 3; v erb b2 erythroblastic leukemia viral oncogene homolog 3 (avian); v erb b2 erythroblastic leukemia viral oncogene homolog 3; anti-HER3/ErbB3 antibody

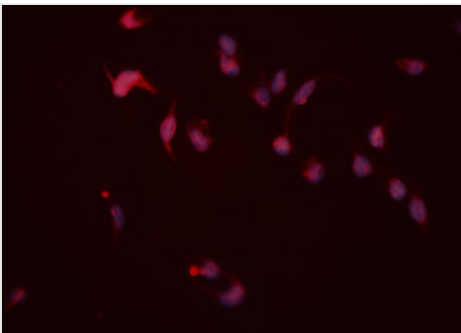
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	HER3/ErbB3 Antibody detects endogenous levels of HER3/ErbB3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	183
Applicable Applications for anti-HER3/ErbB3 antibody	ELISA (Peptide ELISA), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HER3/ErbB3.
Tissue Specificity	Epithelial tissues and brain.
Subcellular Location	Plasma Membrane; Extracellular Region or Secreted
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of HER3/ErbB3 in lysates of HuvEc , using HER3/ErbB3 Antibody.



IF (Immunofluorescence)
At 37 degree C. The primary antibody was diluted 1/200 and incubated with the sample for 1 hour at 37 degree C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HER3/ErbB3 antibody	Description: 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). Post Translational Modifications: Autophosphorylated (PubMed:20351256). Ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase (PubMed:20682778). Subunit Structure: Monomer and homodimer. Heterodimer with each of the other ERBB receptors (Potential). Interacts with CSPG5 (PubMed:15358134). Interacts with GRB7 (PubMed:9516479). Interacts with MUC1 (PubMed:12939402). Interacts with MYOC (By similarity). Interacts with isoform 2 of PA2G4 (PubMed:11325528, PubMed:16832058). Found in a ternary complex with NRG1 and ITGAV:ITGB3 or ITGA6:ITGB4 (PubMed:20682778). Similarity: The cytoplasmic part of the receptor may interact with the SH2 or SH3 domains of many signal-transducing proteins. Belongs to the protein kinase superfamily. Tyr protein kinase family. EGF receptor subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54792102
NCBI GeneID	2065
NCBI Accession #	NP_001005915.1
NCBI GenBank Nucleotide #	NP_001005915.1
UniProt Accession #	P21860
Molecular Weight	Observed: 148 kDa Predicted: 149 kDa
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; FERLK; 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
UniProt Entry Name	ERBB3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/her3-erb3-antibody-peptide-elisa-immunocytochemistry-immunofluorescence-western-blot-elisa/328600>