Rabbit ERBB3 Polyclonal Antibody | anti-ERBB3 antibody

ERBB3 antibody

CATALOG #	HOST	APPLICATIONS
AAA224857	**Rabbit**	**Western Blot, Immunohistochemistry, Immunofluorescence**

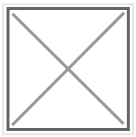
PRODUCT SYNONYMS

ERBB3; Polyclonal Antibody; ERBB3 antibody; Rabbit polyclonal ERBB3 antibody; Polyclonal ERBB3 antibody; Anti-ERBB3 antibody; ERBB 3 antibody; LCCS2 antibody; ERBB-3 antibody; Phospho Tyr1328 antibody; ERBB 3; Her3 antibody; ERBB-3; Receptor tyrosine-protein kinase erbB-3 antibody; anti-ERBB3 antibody

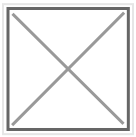
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl,0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1429
Applicable Applications for anti-ERBB3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	ERBB3 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of tyrosine 1328 (P-D-Y(p)-W-H) derived from Human Her3/ErbB3 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at-20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Her3/ErbB3 (Phospho-Tyr 1328) antibody (left) or the same antibody preincubated with with blocking peptide (right



WB (Western Blot)
Western Blot analysis of extracts from A431 cells untreated or treated with EGF using Her3/ErbB3 (Phospho-Tyr1328) antibody

IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed MCF7 cells using Her3/ErbB3 (Phospho-Tyr1328) antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ERBB3 antibody	ERBB3 is a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases. This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this ligand but not convey the signal into the cell through protein phosphorylation. However, it does form heterodimers with other EGF receptor family members which do have kinase activity. Heterodimerization leads to the activation of pathways which lead to cell proliferation or differentiation. Amplification of this gene and/or overexpression of its protein have been reported in numerous cancers, including prostate, bladder, and breast tumors.
Product Categories/Family for anti-ERBB3 antibody	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	57901153
NCBI GeneID	544664
Molecular Weight	158,993 Da
NCBI Official Full Name	Erbb3
NCBI Official Synonym Full Names	erb-b2 receptor tyrosine kinase 3b
NCBI Official Symbol	erbb3b
NCBI Official Synonym Symbols	erbb3
NCBI Protein Information	erbB-3b
UniProt Protein Name	Erbb3
UniProt Gene Name	**erbb3b**

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/erbb3-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/224857