

Rabbit anti-Human ErbB3 Polyclonal Antibody | anti-ERBB3 antibody

Rabbit anti-ErbB3 Antibody, Affinity Purified

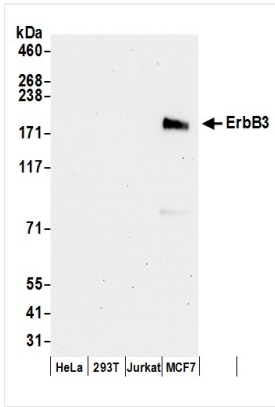
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212650	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

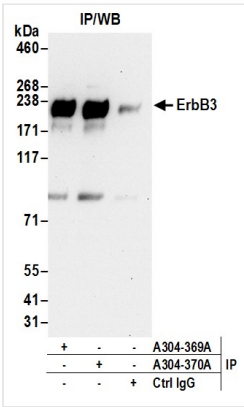
ErbB3; Polyclonal Antibody; Rabbit anti-ErbB3 Antibody; Affinity Purified; v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 3; erbB3-S; p180-ErbB3; tyrosine kinase-type cell surface receptor HER3; receptor tyrosine-protein kinase erbB-3; proto-oncogene-like protein c-ErbB-3; p85-sErbB3; p45-sErbB3; MDA-BF-1; LCCS2; HER3; ErbB-3; c-erbB-3; c-erbB3; human epidermal growth factor receptor 3; Receptor tyrosine-protein kinase erbB-3; erb-b2 receptor tyrosine kinase 3; anti-ERBB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ERBB3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Orangutan
Immunogen	Between 1292 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human ErbB3 by western blot. Samples: Whole cell lysate (50 ug) prepared using RIPA buffer from HeLa, HEK293T, Jurkat, and MCF-7 cells. Antibodies: Affinity purified rabbit anti-ErbB3 antibody AAA212650 (lot AAA212650-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human ErbB3 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using RIPA buffer from MCF-7 cells. Antibodies: Affinity purified rabbit anti-ErbB3 antibody AAA212650 (lot AAA212650-1) used for IP at 6 ug per reaction. ErbB3 was also immunoprecipitated by rabbit anti-ErbB3 antibody For blotting immunoprecipitated ErbB3, AAA212650 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ERBB3 antibody	ErbB3, also known as HER3, 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[taken from NCBI Entrez Gene (Gene ID: 2065)].
Product Categories/Family for anti-ERBB3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792100
NCBI GeneID	2065
NCBI Accession #	NP_001973.2
NCBI GenBank Nucleotide #	NM_001982.3
UniProt Accession #	P21860; Q9BUD7; A8K6L6; B4DIK7; B4DV32; E9PDT8
Molecular Weight	77,426 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-3 isoform 1
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; proto-oncogene-like protein c-ErbB-3; human epidermal growth factor receptor 3; tyrosine kinase-type cell surface receptor HER3; v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 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://www.aaabiotech.com/polyclonal/erbb3-antibody-immunoprecipitation-western-blot-elisa/212650>