

Rabbit anti-Human Her2/ERBB2 Polyclonal Antibody | anti-ERBB2 antibody

Anti-Her2/ERBB2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257004	Rabbit	Human	Immunohistochemistry, Western Blot

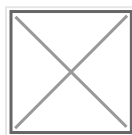
PRODUCT SYNONYMS

Her2/ERBB2; Polyclonal Antibody; Anti-Her2/ERBB2 Antibody; Rabbit Polyclonal; Her2/ERBB2 Antibody; Rabbit PAb; Antigen Affinity Purified; erb-b2 receptor tyrosine kinase 2; Anti-CD340 Antibody; Anti-ENV Antibody; Anti-ENVW Antibody; Anti-ERVWE1 Antibody; Anti-HER-2 Antibody; Anti-HER-2/neu Antibody; Anti-HER2 Antibody; Anti-HERV-7q Antibody; Anti-HERV-W-ENV Antibody; Anti-HERV7Q Antibody; Anti-HERVW Antibody; Anti-HERVWENV Antibody; Anti-MLN 19 Antibody; Anti-MLN19 Antibody; Anti-NEU Antibody; Anti-NGL Antibody; Anti-TKR1 Antibody; anti-ERBB2 antibody

PRODUCT SPECIFICATIONS

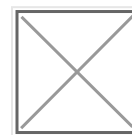
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Her2/ERBB2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ERBB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human Her2/ERBB2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human Her2/ERBB2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human ERBB2 in human breast carcinoma with rabbit polyclonal antibody at 1:2500 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-ERBB2 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 137 kDa. Observed band size: 180 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-ERBB2 antibody	Human epidermal growth factor receptor 2 (HER2), also known as ErbB2, NEU, and CD340, is a type I membrane glycoprotein and belongs to the epidermal growth factor (EGF) receptor family. HER2 protein cannot bind growth factors due to the lacking of ligand binding domain of its own and autoinhibited constitutively. However, HER2 forms a heterodimer with other ligand-bound EGF receptor family members, therefore stabilizes ligand binding and enhances kinase-mediated activation of downstream molecules. HER2 plays a key role in development, cell proliferation and differentiation. HER2 gene has been reported to associate with malignancy and a poor prognosis in numerous carcinomas, including breast, prostate, ovarian, lung cancers and so on.
Product Categories/Family for anti-ERBB2 antibody	Cancer Drug Targets Receptor Tyrosine Kinases (RTKs)
References	Krawczyk N, et al. (2009) HER2 status on persistent disseminated tumor cells after adjuvant therapy may differ from initial HER2 status on primary tumor. Anticancer Res. 29(10): 4019-24.

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/her2-erbb2-antibody-immunohistochemistry-western-blot-elisa/257004>