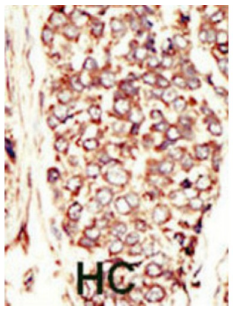
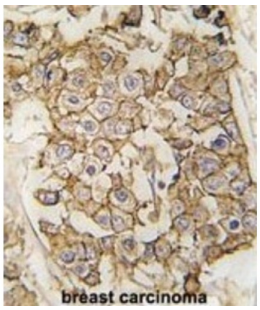
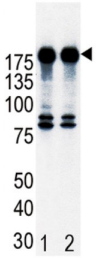
# Receptor Tyrosine-Protein Kinase ErbB-2 (ERBB2) Antibody

Catalogue No.:abx033544






ErbB2, a member of the EGF receptor family, is an essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor. This protein is not activated by EGF, TGF-alpha and amphiregulin. ErbB2 potentially forms a heterodimer with each of the other ERBB receptors. An Interaction with PRKCABP has been suggested. Ligand-binding to this Type I membrane protein may increase phosphorylation on tyrosine residues.

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| **Target:** | Receptor Tyrosine-Protein Kinase ErbB-2 (ERBB2) |
| **Clonality:** | Polyclonal |
| **Reactivity:** | Human |
| **Tested Applications:** | ELISA, WB, IHC, FCM |
| **Host:** | Rabbit |
| **Recommended dilutions:** | WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |


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| **Conjugation:** | Unconjugated |
| **Immunogen:** | KLH-conjugated synthetic peptide between 21-52 amino acids from the N-terminal region of human ERBB2. |
| **Isotype:** | IgG |
| **Form:** | Liquid |
| **Purification:** | Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | P04626 (UniProt, ExPASy) |
| **NCBI Accession:** | NP_001005862.1, NP_004439.2 |
| **KEGG:** | hsa:2064 |
| **String:** | 9606.ENSP00000269571 |
| **Molecular Weight:** | Calculated MW: 138 kDa |
| **Buffer:** | PBS containing 0.09% sodium azide. |
| **Specificity:** | Predicted to react with Mouse and Rat ERBB2. |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |




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