Phospho-HER2/ErbB2-Y1221/Y1222 Rabbit Polyclonal Antibody

CABP0149

Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

190kDa

Calculated MW:

62kDa/70kDa/97kDa/134kDa /136kDa/137kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase. Allelic variations at amino acid positions 654 and 655 of isoform a (positions 624 and 625 of isoform b) have been reported, with the most common allele, Ile654/Ile655, shown here. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized.

Immunogen information

Gene ID:
2064

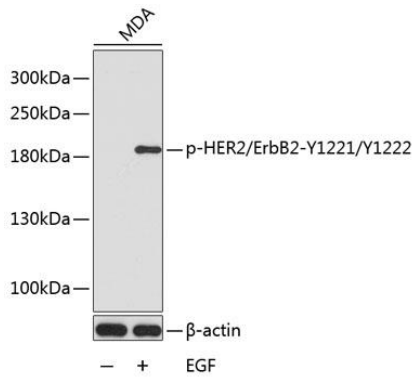
Uniprot
P04626

Synonyms:
ERBB2; CD340; HER-2; HER-2/neu; HER2; MLN 19; NEU; NGL; TKR1; erb-b2 receptor tyrosine kinase 2; HER2/ErbB2; ErbB2; MLN19

Immunogen:
A phospho specific peptide corresponding to residues surrounding Y1221/Y1222 of human HER2/ErbB2

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts from MDA cells using Phospho-HER2/ErbB2-Y1221/Y1222 antibody (CABP0149). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

