ABclonal Technology®

Phospho-ErbB4/HER4-Y1284 Rabbit pAb

Catalog No.: AP0034   `1 Publications`

Basic Information

Observed MW
180kDa

Calculated MW
147kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse, Rat

Background

This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a single-pass type I membrane protein with multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphotidylinositol-3 kinase binding site and a PDZ domain binding motif. The protein binds to and is activated by neuregulins and other factors and induces a variety of cellular responses including mitogenesis and differentiation. Multiple proteolytic events allow for the release of a cytoplasmic fragment and an extracellular fragment. Mutations in this gene have been associated with cancer. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

Recommended Dilutions

WB   1:500 - 1:1000

Immunogen Information

Gene ID   **Swiss Prot**
2066   Q15303

Immunogen
A synthetic phosphorylated peptide around Y1284 of human ErbB4/HER4 (NP_005226.1).

Synonyms
HER4; ALS19; p180erbB4; Phospho-ErbB4/HER4-Y1284

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source   **Isotype**   **Purification**
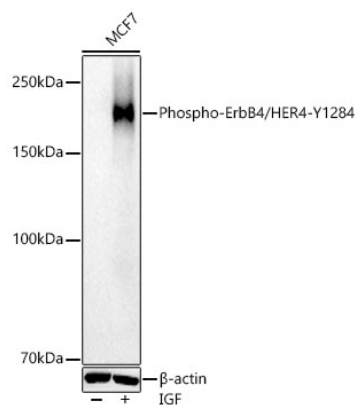Rabbit   IgG   Affinity purification

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

Validation Data

Western blot analysis of lysates from MCF7 cells using Phospho-ErbB4/HER4-Y1284 Rabbit pAb (AP0034) at 1:700 dilution. MCF7 cells were treated by IGF (200 ng/ml) at 37℃ for 30 minutes after serum-starvation overnight.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 20 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposuretime: 30s.