

Phospho-EGFR-Y1068 polyclonal antibody

Catalog: BS79365

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

185kDa

Swiss-Prot:

P00533

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

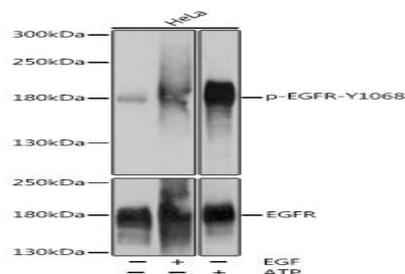
WB, 1:1000 - 1:2000 | IP, 1:50 - 1:100

Storage&Stability:

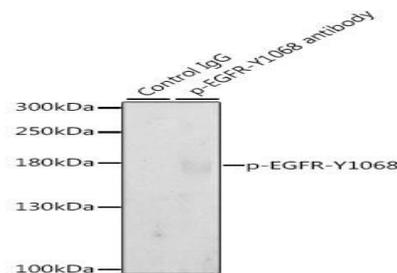
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

Phosphorylated

DATA:

Western blot analysis of extracts of HeLa cells, using Phospho-EGFR-Y1068 pAb at 1:1000 dilution or EGFR antibody. HeLa cells were treated by EGF at 37 °C for 30 minutes after serum-starvation overnight. HeLa cells were treated by ATP at 30 °C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Immunoprecipitation analysis of 200ug extracts of A-431 cells, using 3 ug Phospho-EGFR-Y1068 pAb. Western blot was performed from the immunoprecipitate using Phospho-EGFR-Y1068 pAb at a dilution of 1:1000. A-431 cells were treated by EGF at 37 °C for 30 minutes after serum-starvation overnight.

Note:

For research use only, not for use in diagnostic procedure.

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