

**Phospho-EGFR-T669 polyclonal antibody**

Catalog: BS6351

Host: Rabbit

Reactivity: Human

**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:**

200kDa

**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:**

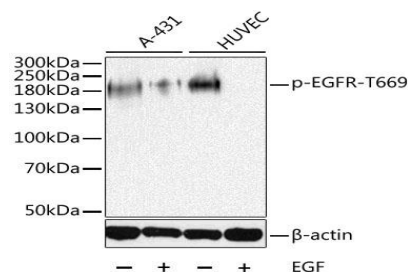
WB, 1:500 - 1:2000 | IP, 1:50 - 1:100

**Storage&Stability:**

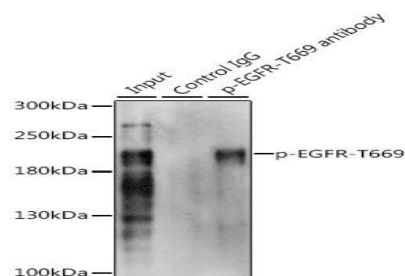
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Category:**

Phosphorylated Antibodies

**DATA:**

Western blot analysis of extracts of A-431 and HUVEC cells, using Phospho-EGFR-T669 antibody at 1:1000 dilution. A431 cells were treated by EGF for 30 minutes after serum-starvation overnight. HUVEC cells were treated by EGF. 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: 10s.



Immunoprecipitation analysis of 200ug extracts of A-431 cells, using 3 ug Phospho-EGFR-T669 pAb. Western blot was performed from the immunoprecipitate using Phospho-EGFR-T669 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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