

Phospho-EGFR-T669 Rabbit Polyclonal Antibody



CABP0025

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

200kDa

Calculated MW:

44kDa/69kDa/77kDa/134kDa

Applications:

WB IP

Reactivity:

Human

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

1956

Uniprot

P00533

Synonyms:

EGFR; ERBB; ERBB1; HER1; NISBD2; PIG61; mENA

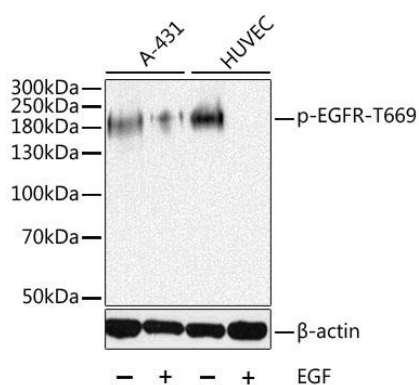
Immunogen:

A phospho specific peptide corresponding to residues surrounding T669 of human EGFR

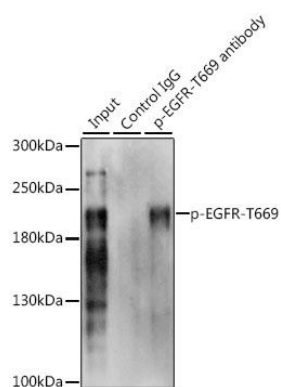
Storage:

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

Product Images



Western blot analysis of extracts of A-431 and HUVEC cells, using Phospho-EGFR-T669 antibody (CABP0025) at 1:1000 dilution. A431 cells were treated by EGF (100ng/mL) for 30 minutes after serum-starvation overnight. HUVEC cells were treated by EGF. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunoprecipitation analysis of 200ug extracts of A-431 cells, using 3 ug Phospho-EGFR-T669 pAb (CABP0025). Western blot was performed from the immunoprecipitate using Phospho-EGFR-T669 pAb (CABP0025) at a dilution of 1:1000. A-431 cells were treated by EGF (100 ng/mL) at 37'C for 30 minutes after serum-starvation overnight.