Phospho-EGFR-Y1068 Rabbit Polyclonal Antibody

CABP0301

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

185kDa

Calculated MW:

44kDa/69kDa/77kDa/134kDa

Applications:

WB IP

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:1000 - 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

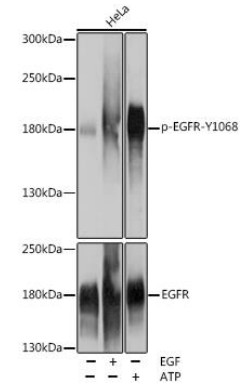
Uniprot
P00533

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

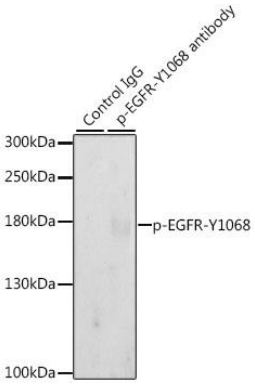
Immunogen:
A phospho specific peptide corresponding to residues surrounding Y1068 of human EGFR

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 of HeLa cells, using Phospho-EGFR-Y1068 pAb (CABP0301) at 1:1000 dilution or EGFR antibody (CAB11351).HeLa cells were treated by EGF (100 ng/mL) at 37'C for 30 minutes after serum-starvation overnight.Hela cells were treated by ATP(5 mM) at 30'C for 1 hour. 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: 1s.



Immunoprecipitation analysis of 200ug extracts of A-431 cells, using 3 ug Phospho-EGFR-Y1068 pAb (CABP0301). Western blot was performed from the immunoprecipitate using Phospho-EGFR-Y1068 pAb (CABP0301) at a dilition of 1:1000. A-431 cells were treated by EGF (100 ng/mL) at 37'C for 30 minutes after serum-starvation overnight.