



## EGFR Polyclonal Antibody

E90054A

**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. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene.

**Catalog Number:** E90054A

**Amount:** 100µg/100µl

**Gene ID:** 1956

**Species:** Rabbit

**Immunogen:** Peptide.

**Purification:** Antigen affinity purification

**Storage:** Store at 4°C or -20°C (with 50% glycerol); Minimize freeze-thaw cycles; Non-hazardous.

**Formulation:** Each vial at least contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.1% sodium azide.

**Limitation:** For research use only and are not intended for diagnostic or therapeutic use.

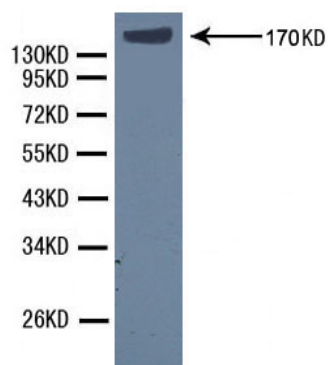
**Isotope:** Rabbit IgG

**Species Reactivities:** Human, Mouse, Rat.

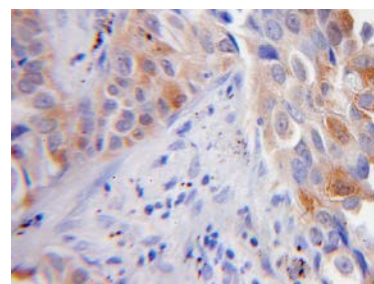
**Tested Applications:** WB, IHC, ELISA. Other applications have not been tested.

**Application notes:** WB: 1:500-1000, IHC: 1:50-200.

### Western blot -EGFR antibody



EGFR antibody at 1/500 dilution  
HeLa cell lysate  
Predicted band size: 170KD  
Observed band size: 170KD



Formalin-fixed and paraffin-embedded human breast carcinoma reacted with EGFR Antibody.

**For Research Use Only**