EGFR Polyclonal Antibody

Catalog Number: E-AB-70333 1 Publications





Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human, Mouse, Rat

Immunogen KLH conjugated Synthetic peptide corresponding to Mouse EGFR

Host Rabbit **Isotype** IgG

Purification Affinity purification

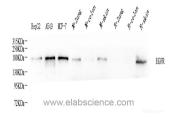
Conjugation Unconjugated

Formulation PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western Blot analysis of various samples using EGFR Polyclonal Antibody at dilution of 1:1000.

> Observed Mw:175kDa Calculated Mw:134kDa

Preparation & Storage

Store at -20°C. Avoid freeze / thaw cycles. Storage

Background

EGFR, also named as ERBB1, is a cell-surface receptor for members of the epidermal growth factor family (EGF-family) of extracellular protein ligands. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. The gene resides on chromosome 7p12, encoding a 170 kDa membrane-associated glycoprotein. Recent studies have shown EGFR plays a critical role in cancer development and progression, including cell proliferation, apoptosis, angiogenesis, and metastatic spread. Mutations in this gene are associated with lung cancer.

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