

EGFR polyclonal antibody

Catalog: BS72285

Host: Rabbit

Reactivity: Human, Mouse, Rat

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 180kDa

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
IHC 1:50 - 1:200
IF 1:50 - 1:200

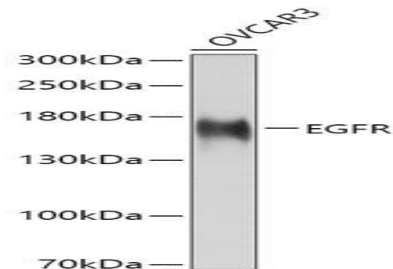
Storage&Stability:

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

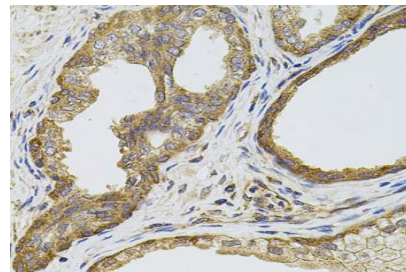
Specificity:

EGFR polyclonal antibody detects endogenous levels of EGFR protein.

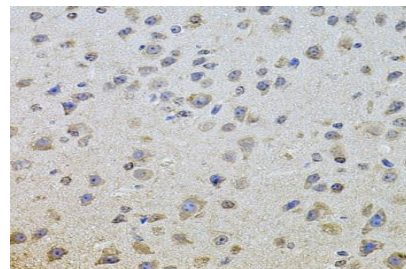
DATA:



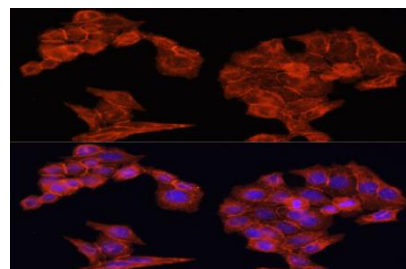
Western blot analysis of extracts of various cell lines, using EGFR antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human lung cancer tissue using EGFR antibody at dilution of 1:100 (40x lens).



Immunoprecipitation analysis of 200ug extracts of HeLa cells using 3ug EGFR antibody.



Note:

For research use only, not for use in diagnostic procedure.

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