

EGFR

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:134kD

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human EGFR

Storage Buffer:

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

Concentration:

o

Synonym:

ERBB; ERBB1; HER1; PIG61; mENA;

Catalog #:A2909

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1956

Isotype:IgG

Swiss Prot:P00533

Purity:Affinity purification

For research use only.

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.

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