

## EGFR

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 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.

**Synonym:**

ERBB; ERBB1; HER1; PIG61; mENA;

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A11576

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1956

**Isotype:**IgG

**Swiss Prot:**P00533

**Purity:**Affinity purification

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