# EGFR (phospho Tyr1069) rabbit pAb

## Cat#: orb767931 (Manual)

For research use only. Not intended for diagnostic use.

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| **Product Name** | EGFR (phospho Tyr1069) rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;ELISA |
| **Species Cross-Reactivity** | Human;Mouse;Rat;Monkey |
| **Recommended dilutions** | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human EGFR around the phosphorylation site of Tyr1069. AA range:1041-1090 |
| **Specificity** | Phospho-EGFR (Y1069) Polyclonal Antibody detects endogenous levels of EGFR protein only when phosphorylated at Y1069. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Epidermal growth factor receptor |
| **Gene Name** | EGFR |
| **Cellular localization** | Cell membrane ; Single-pass type I membrane protein . Endoplasmic reticulum membrane ; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Nucleus membrane; Single-pass type I membrane protein. Endosome . En |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

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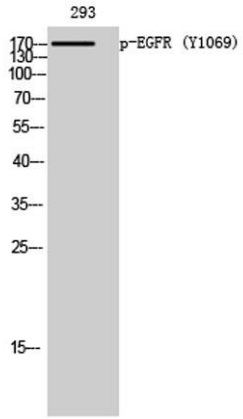
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | 175kD |
| **Human Gene ID** | 1956 |
| **Human Swiss-Prot Number** | P00533 |
| **Alternative Names** | EGFR; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1 |
| **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. [provided by RefSeq, Jun 2016], |




**Western Blot analysis of 293 cells using Phospho-EGFR (Y1069) Polyclonal Antibody diluted at 1:1000**

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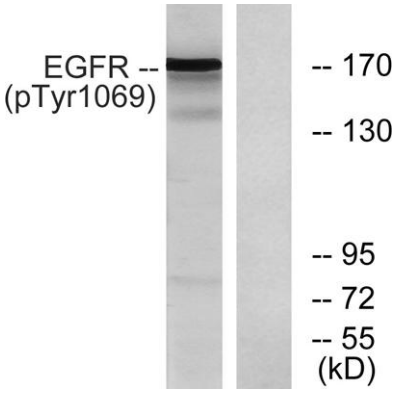


**Western blot analysis of lysates from COS7 cells treated with EGF 200ng/ml 30', using EGFR (Phospho-Tyr1069) Antibody. The lane on the right is blocked with the phospho peptide.**

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