

## Product datasheet for **TA312538**

### EGFR Rabbit Polyclonal Antibody

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | WB  |
| Recommended Dilution: | WB: 1:500~1:3000, ELISA: 1:20000  |
| Reactivity:           | Human, Mouse, Rat   |
| Modifications:        | Phospho-specific  |
| Host:                 | Rabbit  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | The antiserum was produced against synthesized phosphopeptide derived from human EGFR around the phosphorylation site of tyrosine 869 (K-E-YP-H-A).                         |
| Formulation:          | Phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Concentration:        | lot specific  |
| Purification:         | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | epidermal growth factor receptor  |
| Database Link:        | <a href="#">NP_005219</a><br><a href="#">Entrez Gene 13649 Mouse</a> <a href="#">Entrez Gene 24329 Rat</a> <a href="#">Entrez Gene 1956 Human</a><br><a href="#">P00533</a> |
| Synonyms:             | ERBB; ERBB1; HER1; mENA; NISBD2; PIG61  |
| Note:                 | EGFR (Phospho-Tyr869) antibody detects endogenous levels of EGFR only when phosphorylated at tyrosine 869.  |



[View online »](#)

|                          |  |
|--------------------------|--|
| <b>Protein Families:</b> | Adult stem cells, Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Protein Kinase, Secreted Protein, Stem cell relevant signaling - JAK/STAT signaling pathway, Transmembrane   |
| <b>Protein Pathways:</b> | Adherens junction, Bladder cancer, Calcium signaling pathway, Colorectal cancer, Cytokine-cytokine receptor interaction, Dorso-ventral axis formation, Endocytosis, Endometrial cancer, Epithelial cell signaling in Helicobacter pylori infection, ErbB signaling pathway, Focal adhesion, Gap junction, Glioma, GnRH signaling pathway, MAPK signaling pathway, Melanoma, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Prostate cancer, Regulation of actin cytoskeleton |