

**EGFR (phospho Ser695) rabbit pAb****Cat#: orb767932 (Manual)**

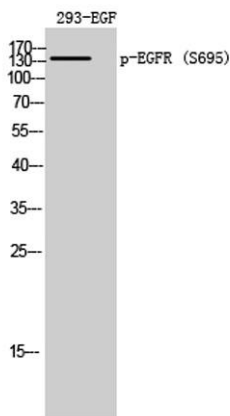
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<b>Product Name</b>	EGFR (phospho Ser695) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human EGFR around the phosphorylation site of Ser695. AA range:661-710
<b>Specificity</b>	Phospho-EGFR (S695) Polyclonal Antibody detects endogenous levels of EGFR protein only when phosphorylated at S695.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Epidermal growth factor receptor
<b>Gene Name</b>	EGFR
<b>Cellular localization</b>	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
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

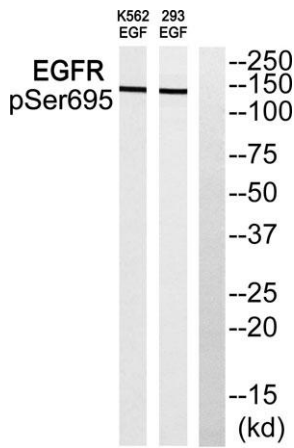
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	175kD
<b>Human Gene ID</b>	1956
<b>Human Swiss-Prot Number</b>	P00533
<b>Alternative Names</b>	EGFR; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1

## 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-EGF cells using Phospho-EGFR (S695) Polyclonal Antibody**



**Western blot analysis of EGFR (Phospho-Ser695) Antibody. The lane on the right is blocked with the EGFR (Phospho-Ser695) peptide.**