
Product Name: Phospho-EGFR (Tyr1092) Rabbit Polyclonal Antibody**Catalog #: APRab00829**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 134 kDa; Observed MW: 140-160 kDa

Antigen Information

Gene Name	EGFR
Alternative Names	EGFR; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1
Gene ID	1956
SwissProt ID	P00533
Immunogen	The antiserum was produced against synthesized peptide derived from human EGFR around the phosphorylation site of Tyr1092. AA range:1061-1110

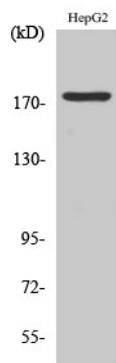
Background

EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including TGF-alpha, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. . A single-pass transmembrane tyrosine kinase. Ligand binding to this receptor results in receptor dimerization, autophosphorylation (in trans), activation of various downstream signaling molecules and lysosomal degradation.

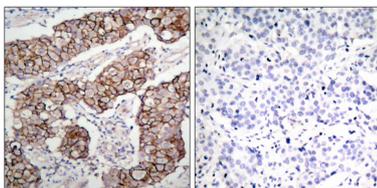
Research Area

Signal Transduction

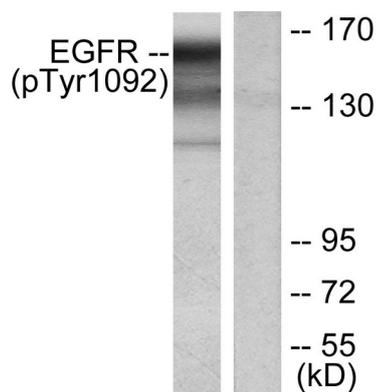
Image Data



Western blot analysis of Phospho-EGFR (Tyr1092) in various lysates using Phospho-EGFR (Tyr1092) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma, using EGFR (Phospho-Tyr109, 2) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-EGFR (Tyr1092) in HUVEC lysates treated with EGF, using EGFR (Phospho-Tyr19, 2) antibody. The lane on the right is blocked with the Phospho-peptide.