

Anti-Phospho-EGFR (Tyr1045) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 134 kDa.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Applications

Application:	WB
Recommended	WB: 1:1000-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human EGF Receptor around the phosphorylation site of Tyr1045
Antigen Species:	human
Uniprot ID:	P00533
Synonyms:	EGFR (p-Y1045);EGFR (p-Tyr1045);p-EGFR (Tyr1045);p-EGFR (Y1045)

Research Background

epidermal growth factor receptor(EGFR) Homo sapiens 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],

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