



EGFR (phospho-T654) polyclonal antibody

Catalog: BS4062

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

EGFR (Epidermal growth factor receptor, ErbB-1) is a receptor tyrosine kinase (RTK) that is one of four members of the EGFR/ErbB family of receptor tyrosine kinases. EGFR plays a key role in the regulation of essential normal cellular processes and in the pathophysiology of hyperproliferative diseases such as cancer. Activation of the EGFR signaling pathway has been linked with increased cell proliferation, angiogenesis, metastasis and decreased apoptosis. Phosphorylation of residue Thr654 (removal of the signal peptide) during PKC activation prevents binding of calmodulin.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 175 kDa

Swiss-Prot:

P00533

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-EGFR (T654) polyclonal antibody detects endogenous levels of EGFR protein only when phosphorylated at Thr654 (removal of the signal peptide).

DATA:

Note:

For research use only, not for use in diagnostic procedure.

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