

EGF (R709) polyclonal antibody

Catalog: BS3549

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Epidermal growth factor (EGF) is an acid- and heat-stable 53 amino acid protein of 6 kDa originally found in rodents and humans. EGF has been shown to be a potent mitogen for a variety of cell types both in vivo and in vitro. It binds to the 170 kDa EGF receptor on the surface of cells and mediates intrinsic phosphorylation of the receptor on tyrosine residues. EGF has been detected in nearly all body fluids such as urine (urogastrone), saliva, milk and platelet-rich plasma.

Product:

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

Molecular Weight:

~ 10, 130(pro) kDa

Swiss-Prot:

P01133

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:

EGF (R709) polyclonal antibody detects endogenous levels of EGF protein.

DATA:



Immunohistochemistry (IHC) analyzes of EGF (R709) pAb in paraffin-embedded human brain tissue.

Note:

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

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