

EGF Polyclonal Antibody

Catalog # AP69664

Specification

EGF Polyclonal Antibody - Product Information

Application WB, IHC-P Primary Accession P01133

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

EGF Polyclonal Antibody - Additional Information

Gene ID 1950

Other Names

EGF; Pro-epidermal growth factor; EGF

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

EGF Polyclonal Antibody - Protein Information

Name EGF

Function

EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. Magnesiotropic hormone that stimulates magnesium reabsorption in the renal distal convoluted tubule via engagement of EGFR and activation of the magnesium channel TRPM6. Can induce neurite outgrowth in motoneurons of the pond snail Lymnaea stagnalis in vitro (PubMed:10964941).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Expressed in kidney, salivary gland, cerebrum and prostate.



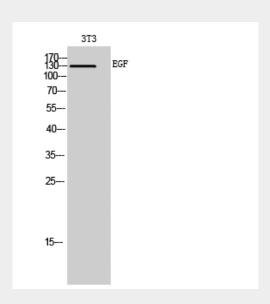


EGF Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

EGF Polyclonal Antibody - Images



EGF Polyclonal Antibody - Background

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