

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

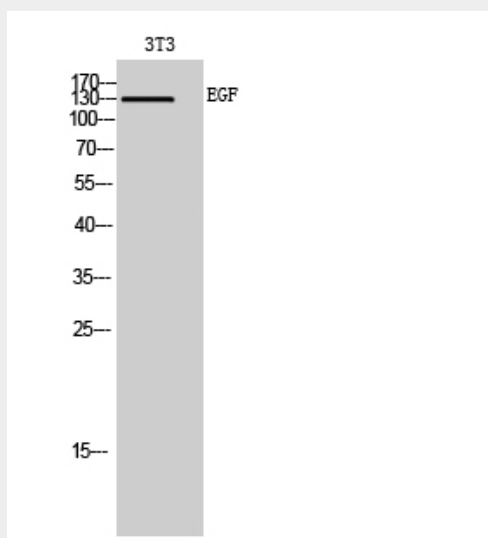
Expressed in kidney, salivary gland, cerebrum and prostate.

EGF Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EGF Polyclonal Antibody - Images



Western Blot analysis of 3T3 cells using EGF Polyclonal Antibody

EGF Polyclonal Antibody - Background

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