

EGF Polyclonal Antibody

Catalog # AP69664

Product Information

Application	WB, IHC-P
Primary Accession	P01133
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	133994

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

Protein Information

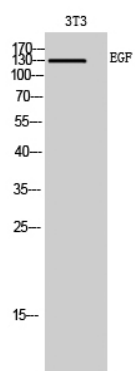
Name	EGF
Function	EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. Magnesiotropic hormone that stimulates magnesium reabsorption in the renal distal convoluted tubule via engagement of EGFR and activation of the magnesium channel TRPM6. Can induce neurite outgrowth in motoneurons of the pond snail <i>Lymnaea stagnalis</i> in vitro (PubMed: 10964941).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed in kidney, salivary gland, cerebrum and prostate.

Background

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(PubMed:[10964941](#)).

Images



Western Blot analysis of 3T3 cells using EGF Polyclonal Antibody

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