

# **EGF Antibody**

Rabbit mAb Catalog # AP91248

## **Specification**

# **EGF Antibody - Product Information**

Application WB, IP
Primary Accession P01133
Clonality Monoclonal

**Other Names** 

Beta urogastrone; Egf; Epidermal growth factor; HOMG4; Pro epidermal growth factor; URG;

Urogastrone;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 133994 Da

# **EGF Antibody - Additional Information**

Dilution WB~~1:1000

IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

EGF

Description 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.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline ,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

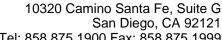
freeze / thaw cycle.

#### **EGF 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:<a href="http://www.uniprot.org/citations/10964941" target="\_blank">10964941</a>).





Tel: 858.875.1900 Fax: 858.875.1999

## **Cellular Location**

Membrane; Single-pass type I membrane protein.

## **Tissue Location**

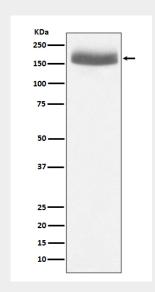
Expressed in kidney, salivary gland, cerebrum and prostate.

# **EGF Antibody - Protocols**

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

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

# **EGF Antibody - Images**



Western blot analysis of EGF expression in human urine sample lysate.