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Anti-EGF Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17969

Specification

Anti-EGF Antibody - Product Information

Application	**WB, IHC-P, E**
Primary Accession	P01133
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**133994**

Anti-EGF Antibody - Additional Information

Gene ID 1950

Alias Symbol	**EGF**

Other Names
EGF, Beta-urogastrone, HOMG4, URG, Epidermal growth factor, Pro-epidermal growth factor

Target/Specificity
Human EGF

Reconstitution & Storage
Caprylic acid and ammonium sulfate precipitation

Precautions
Anti-EGF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-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:10964941).

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
Expressed in kidney, salivary gland, cerebrum and prostate.

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Anti-EGF 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 Cytomety
- Cell Culture

Anti-EGF Antibody - Images