

EGF Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10782**Specification**

EGF Antibody - Product Information

Application	WB
Primary Accession	P01133
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	133994

EGF Antibody - Additional Information**Gene ID** 1950**Application & Usage****Western blot analysis (0.5-4 µg/ml).**
Recombinant human EGF can be used as a positive control. Per customer's feedback, it can also be used in Neutralization and Elisa. However, the optimal conditions should be determined individually.**Other Names**

Epidermal Growth Factor

Target/Specificity

EGF

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-human EGF polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

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

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](http://www.uniprot.org/citations/10964941)).

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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EGF Antibody - Images

EGF Antibody - Background

EGF (Epidermal Growth Factor) is polypeptide growth factor that stimulates the proliferation of a wide range of epidermal and epithelial cells. Human EGF is a 6.2 kDa protein containing 53 amino acid residues.