

**EGF Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10783****Specification**

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**EGF Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P01132</a>
Other Accession	<a href="#">Oselected:</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	133072

**EGF Antibody - Additional Information****Gene ID** 13645**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-mouse EGF polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA 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 (By similarity).

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**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.