

**EGF Polyclonal Antibody**  
**Catalog # AP74063****Specification****EGF Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P01133</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**EGF Polyclonal Antibody - Additional Information****Gene ID 1950****Other Names**

Pro-epidermal growth factor (EGF) [Cleaved into: Epidermal growth factor (Urogastrone)]

**Dilution**

WB~~WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000  
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

**EGF Polyclonal 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>).

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

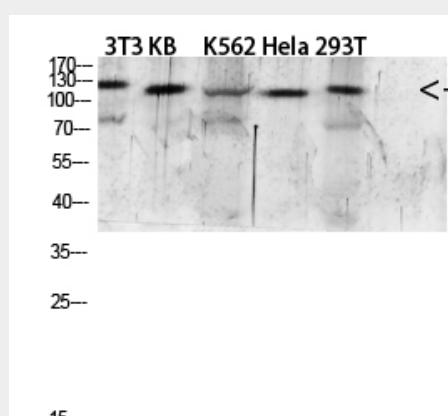
Expressed in kidney, salivary gland, cerebrum and prostate.

## EGF Polyclonal Antibody - Protocols

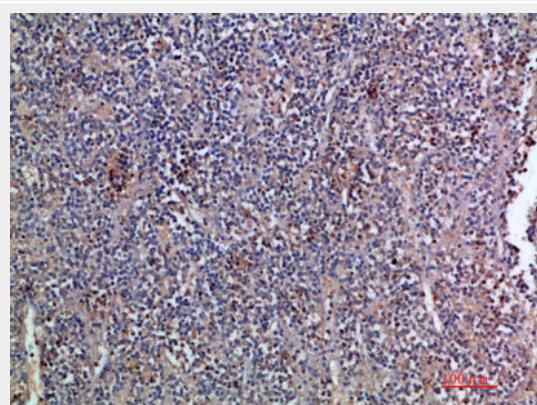
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

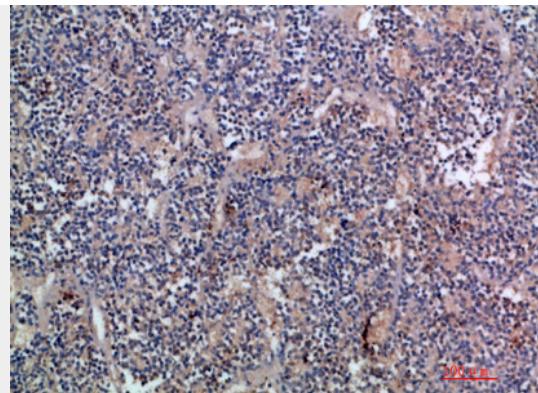
## EGF Polyclonal Antibody - Images



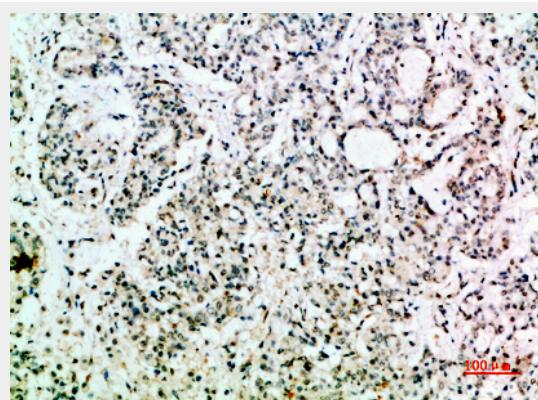
Western blot analysis of 293T mouse-kidney lysate, antibody was diluted at 2000. Secondary antibody was diluted at 1:20000



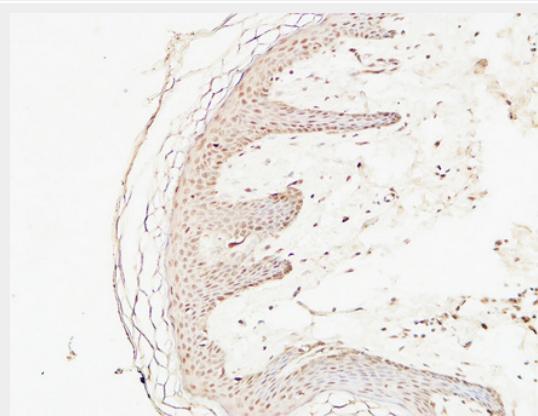
Immunohistochemical analysis of paraffin-embedded human-kidney-cancer, antibody was diluted at 1:200



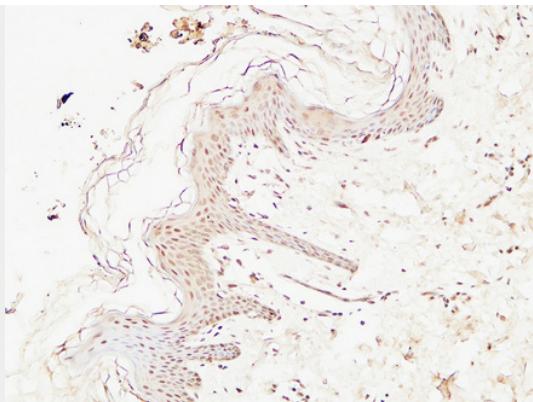
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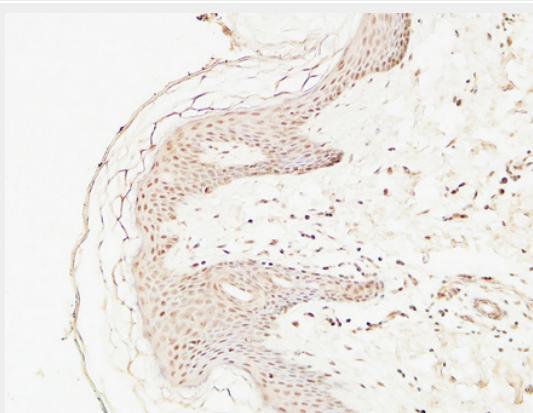
Immunohistochemical analysis of paraffin-embedded human-stomach-cancer, antibody was diluted at 1:200



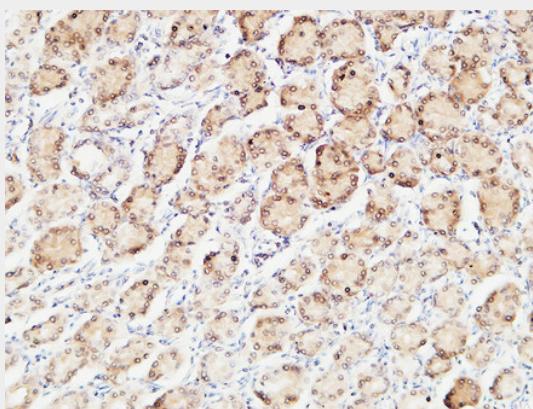
Immunohistochemical analysis of paraffin-embedded Human skin. 1, Antibody was diluted at 1:200(4°,overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



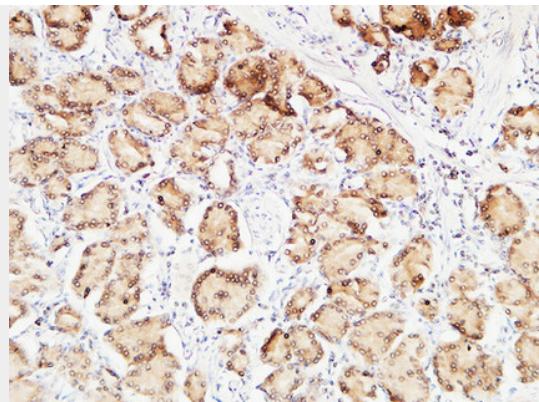
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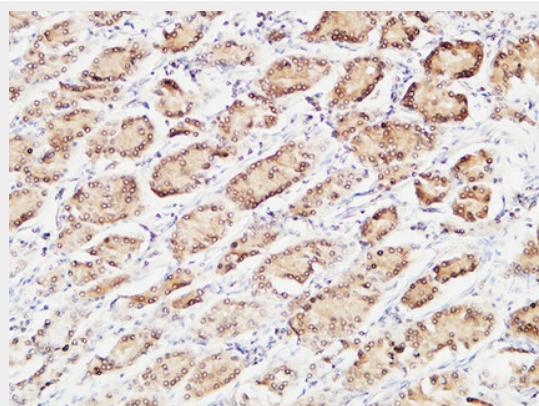
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Immunohistochemical analysis of paraffin-embedded Human gastric cancer. 1, Antibody was diluted at 1:100(4°,overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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