

EGF Polyclonal Antibody
Catalog # AP74063**Specification**

EGF Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P01133
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

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: 10964941).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

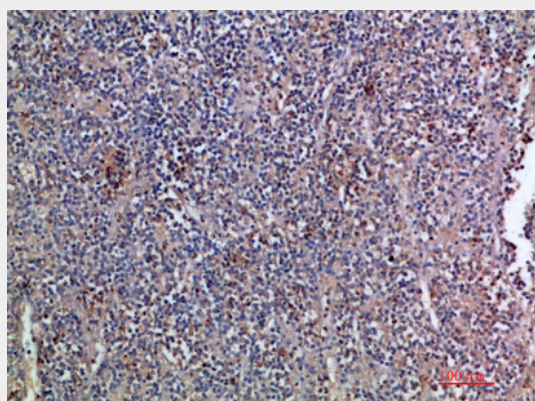
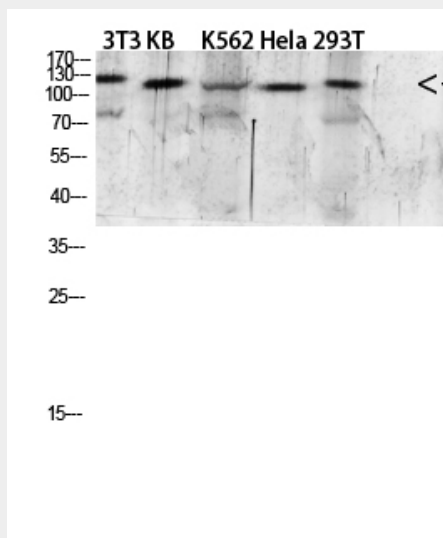
Expressed in kidney, salivary gland, cerebrum and prostate.

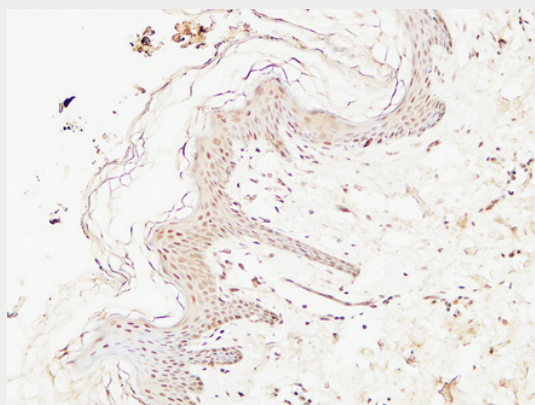
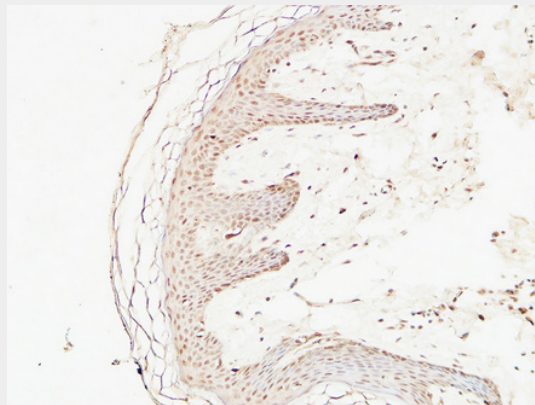
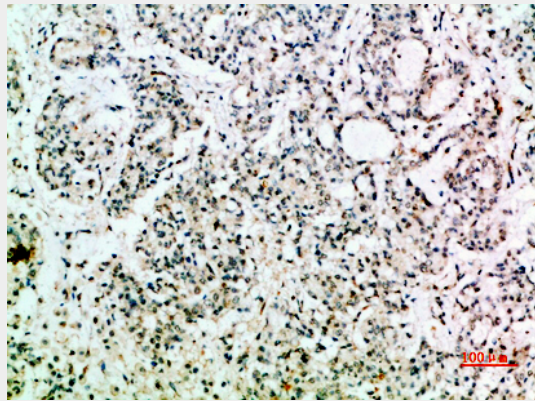
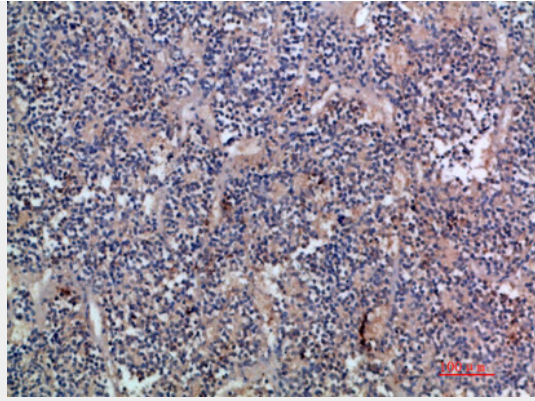
EGF Polyclonal Antibody - Protocols

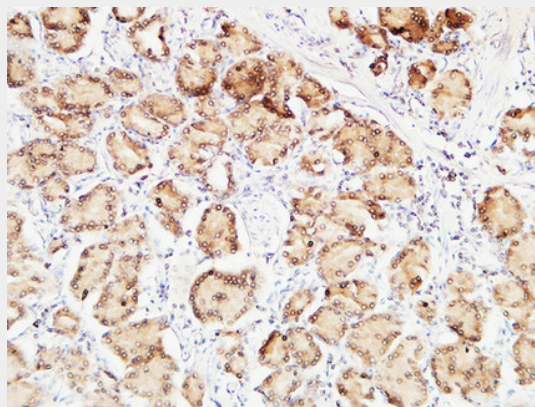
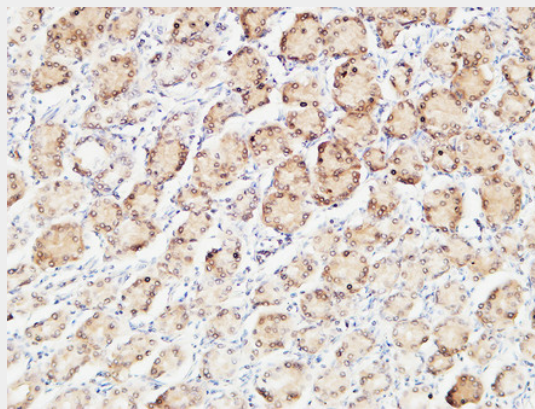
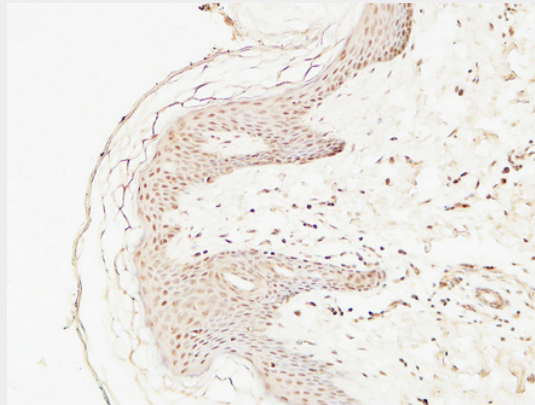
Provided below are standard protocols that you may find useful for product applications.

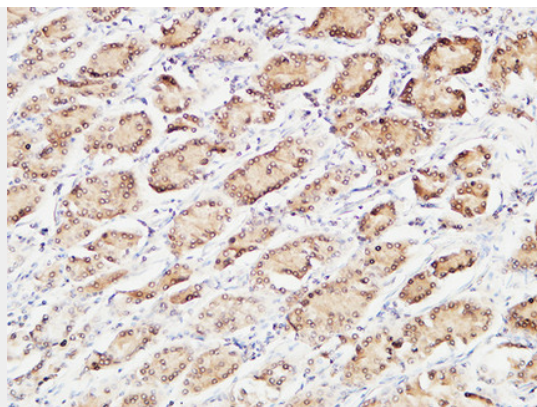
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EGF Polyclonal Antibody - Images









EGF Polyclonal Antibody - Background

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