

# EGF Rabbit pAb

Catalog No.: A13615SP

## Basic Information

### Observed MW

160 kDa(Full length), 45/66 kDa(Degradations)

### Calculated MW

133 kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Mouse

## Background

This gene encodes epidermal growth factor (EGF), the founding member of the EGF family of growth factors that are implicated in cell proliferation and differentiation. The encoded protein can localize to the membrane and function in juxtacrine signaling or undergo proteolytic processing to generate a soluble form of the hormone. Mice lacking the encoded protein do not exhibit an abnormal phenotype but transgenic mice overexpressing the encoded protein exhibit hypospermatogenesis.

## Recommended Dilutions

**WB** 1:1000 - 1:3000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ( $\geq 1:10000$ ) a sequential dilution method is strongly recommended to ensure measurement accuracy.

## Immunogen Information

### Gene ID

13645

### Swiss Prot

P01132

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

EGF

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.