



Rabbit Anti-Epigen antibody

SL5767R

Product Name:	Epigen
Chinese Name:	epithelial cells有丝分裂蛋白抗体
Alias:	EPG; Epigen precursor; Epithelial mitogen; EPGN_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	15kDa
Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Epigen:51-130/154<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Epigen is an EGF-related polypeptide growth factor that signals through the ErbB receptor-1. It is produced in several tissues, including the testis, liver, heart and in certain tumor cells. Epigen is mitogenic for fibroblasts and epithelial cells. Human Epigen is initially synthesized as a glycosylated 14.7 kDa transmembrane precursor protein, which is processed by proteolytic cleavage to produce a mature soluble sequence.

Function:

Promotes the growth of epithelial cells. May stimulate the phosphorylation of EGFR and mitogen-activated protein kinases.

Subcellular Location:

Isoform 1: Membrane; Single-pass type I membrane protein (Probable).

Isoform 2: Membrane; Single-pass type I membrane protein (Probable).

Isoform 3: Secreted (Probable).

Isoform 4: Secreted (Probable).

Isoform 5: Secreted (Probable).

Isoform 6: Secreted (Probable).

Similarity:

Contains 1 EGF-like domain.

SWISS:

Q6UW88

Gene ID:

255324

Database links:

[Entrez Gene: 255324](#)Human

[Entrez Gene: 71920](#)Mouse

[SwissProt: Q6UW88](#)Human

[SwissProt: Q924X1](#)Mouse

[Unigene: 401237](#)Human

[Unigene: 197319](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.