

Epigen Rabbit pAb

Catalog # AP97266

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q6UW88
Other Accession	Q6UW88
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17091
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Epigen
Epitope Specificity	51-130/154
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 EGF-like domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	255324
Other Names	ALGV3072; EPG; PRO9904; 2310069M11Rik; epigen; EPGN_HUMAN; EPGN; Epithelial mitogen (EPG); EPGN_MOUSE; epithelial mitogen; epithelial mitogen homolog (mouse)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	EPGN
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Function	Promotes the growth of epithelial cells. May stimulate the phosphorylation of EGFR and mitogen-activated protein kinases.
Cellular Location	[Isoform 1]: Membrane; Single-pass type I membrane protein [Isoform 3]: Secreted. [Isoform 5]: Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.