
Epigen Rabbit pAb

Catalog Number: bs-5767R

Target Protein: Epigen

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Sheep, Cow, Dog, Horse)

Predicted MW: 15 kDa

Entrez Gene: 255324

Swiss Prot: Q6UW88

Source: KLH conjugated synthetic peptide derived from human Epigen: 51-130/154.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=38.637] Emma D. Wrenn. et al. Regulation of Collective Metastasis by Nanolumenal Signaling. Cell. 2020 Oct;183:395 IF ; Human . 33007268

[IF=4.994] Ma S et al. ErbB3 Ligand Heregulin1 Is a Major Mitogenic Factor for Uncontrolled Lung Cancer Cell Proliferation.Neoplasia. 2019 Apr;21(4):343-352. IHC ; Mouse . 30831376