

bs-5767R**[Primary Antibody]**

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Epigen Rabbit pAb**— DATASHEET —**

Host: Rabbit	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 Subcellular Location: Secreted ,Cell membrane
Clonality: Polyclonal		
GeneID: 255324	SWISS: Q6UW88	
Target: Epigen		
Immunogen: KLH conjugated synthetic peptide derived from human Epigen: 51-130/154. < Extracellular >		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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.		

— SELECTED CITATIONS —

- **[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