

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

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**Epigen Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 255324	<b>SWISS:</b> Q6UW88	<b>IHC-F</b> (1:100-500)
<b>Target:</b> Epigen		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Epigen: 51-130/154.		<b>ICC/IF</b> (1:100-500)
<b>Purification:</b> affinity purified by Protein A		<b>ELISA</b> (1:5000-10000)
<b>Concentration:</b> 1mg/ml		<b>Reactivity:</b> (predicted: Human, Mouse, Rat, Sheep, Cow, Dog, Horse)
<b>Storage:</b> 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.		<b>Predicted MW.:</b> 15 kDa
<b>Background:</b> 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.		<b>Subcellular Location:</b> Secreted ,Cell membrane

**— 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