

bs-0417R**[Primary Antibody]****BioSS**
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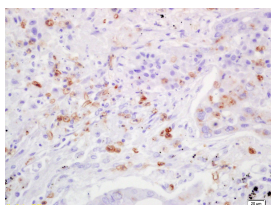
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TIMP-3 Rabbit pAb**DATASHEET**

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 7078</p> <p>Target: TIMP-3</p> <p>Immunogen: KLH conjugated synthetic peptide derived from human TIMP-3: 151-211/211.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>Background: This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix (ECM). Expression of this gene is induced in response to mitogenic stimulation and this netrin domain-containing protein is localized to the ECM. Mutations in this gene have been associated with the autosomal dominant disorder Sorsby's fundus dystrophy. [provided by RefSeq, Jul 2008].</p>	<p>Isotype: IgG</p> <p>SWISS: P35625</p>	<p>Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)</p> <p>Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Horse)</p> <p>Predicted MW.: 21 kDa</p> <p>Subcellular Location: Secreted ,Extracellular matrix</p>
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VALIDATION IMAGES

Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-TIMP-3 Polyclonal Antibody, Unconjugated(bs-0417R) 1:100, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=4.8]** Sun Liyuan. et al. Exosomal miR-21-5p derived from endometrial stromal cells promotes angiogenesis by targeting TIMP3 in ovarian endometrial cysts. J MOL MED. 2024 Sep;;1-16 IHC ;Human. 39227403
- **[IF=5.4]** Cheng Yan. et al. Endostatin-expressing endometrial mesenchymal stem cells inhibit angiogenesis in endometriosis through the miRNA-21-5p/TIMP3/PI3K/Akt/mTOR pathway. STEM CELL TRANSL MED. 2024 Nov;; IHC ;Mouse. 39589222
- **[IF=5.064]** Xia Liu. et al. The adipokine orosomucoid alleviates adipose tissue fibrosis via the AMPK pathway. Acta Pharmacol Sin. 2021 Apr;;1-9 WB ;Mouse. 33875797

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

- **[IF=3.98]** Liu, Wen-bin, et al. "Aberrant methylation accounts for cell adhesion-related gene silencing during 3-methylcholanthrene and diethylnitrosamine induced multistep rat lung carcinogenesis associated with overexpression of DNA methyltransferases 1 and 3a." *Toxicology and applied pharmacology* 251.1 (2011): 70-78. IHC ;="Rat". 21163286
- **[IF=4.24]** Peng, Jiayin, et al. "Expression and regulative function of tissue inhibitor of metalloproteinase 3 in the goat ovary and its role in cultured granulosa cells." *Molecular and Cellular Endocrinology* (2015). WB ;="Goat". 26054746