

bs-11047R**[Primary Antibody]****COL6A5 Rabbit pAb****BioSS**
ANTIBODIES

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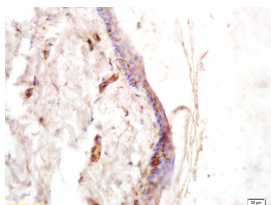
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 256076 Target: COL6A5 Immunogen: KLH conjugated synthetic peptide derived from human COL6A5/Collagen VI alpha 5: 121-220/2615. 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: The protein encoded by this gene is a collagen that contains N- and C-terminal von Willebrand factor A-like domains. The encoded protein may interact with the alpha 1 and alpha 2 chains of collagen VI to form the complete collagen VI trimer. Sequence polymorphisms in this gene have been linked to atopic dermatitis (eczema). Two transcript variants, one protein-coding and the other probably not protein-coding, have been found for this gene.	Isotype: IgG SWISS: A8TX70	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human) Predicted MW.: 288 kDa Subcellular Location: Secreted ,Extracellular matrix
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— VALIDATION IMAGES —

Tissue/cell: rat skin tissue; 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-COL6A5/Collagen VI alpha 5 Polyclonal Antibody, Unconjugated(bs-11047R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=8.8]** Jiajun Chen. et al. Integrating UHPLC-MS/MS quantitative analysis and exogenous purine supplementation to elucidate the antidepressant mechanism of Chaogui granules by regulating purine metabolism. J PHARM ANAL. 2023 Aug;; WB ;Rat. 10.1016/j.jpha.2023.08.008
- **[IF=8.469]** Wu, Xiaosheng. et al. USP3 promotes gastric cancer progression and metastasis by deubiquitination-dependent COL9A3/COL6A5 stabilisation. Cell Death Dis. 2021 Dec;13(1):1-11 WB,IHC,IP ;Mouse,Human. 34930901
- **[IF=5.714]** Xianyan Liu. et al. Collagen VI antibody reduces atherosclerosis by activating monocyte/macrophage polarization in ApoE—/— mice. INT IMMUNOPHARMACOL. 2022 Oct;111:109100 ELISA ;Mouse. 35932614

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

- **[IF=5.2]** Baoling Bai. et al. Pathological mechanisms of type 1 diabetes in children: investigation of the exosomal protein expression profile. FRONT ENDOCRINOL. 2023; 14: 1271929 WB ;Human. 37886648