bs-11047R

[Primary Antibody]

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COL6A5 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 256076 **SWISS:** A8TX70

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.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500)

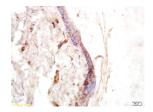
Reactivity: Rat (predicted: Human)

Predicted MW: 288 kDa

Subcellular Secreted ,Extracellular

Location: matrix

VALIDATION IMAGES



Tissue/cell: rat skin tissue; 4%
Paraformaldehyde-fixed and paraffinembedded; 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 Chaigui 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