

COL6A5 Rabbit pAb

Catalog Number: bs-11047R

Target Protein: COL6A5

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Rat (predicted:Human)

Predicted MW: 288 kDa

Entrez Gene: 256076

Swiss Prot: A8TX70

Source: KLH conjugated synthetic peptide derived from human COL6A5/Collagen VI alpha 5: 121-220/2615.

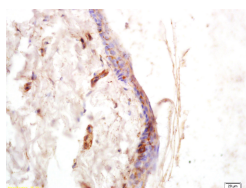
Purification: affinity purified by Protein A

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.

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

PRODUCT SPECIFIC PUBLICATIONS

[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

[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