

## Anti-Collagen X COL10A1 Rabbit Monoclonal Antibody

Catalog Number: M01026

### About COL10A1

Activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH. Involved in menthol sensation. Permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium.

### Overview

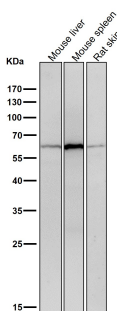
Product Name	Anti-Collagen X COL10A1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Collagen X COL10A1 Rabbit Monoclonal Antibody catalog # M01026. Tested in WB application. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal AOA-H-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q03692

### Technical Details

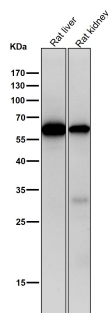
Immunogen	A synthesized peptide derived from human Collagen X
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB 1:500-1:2000



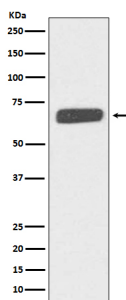
## Anti-Collagen X COL10A1 Rabbit Monoclonal Antibody (M01026) Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of Collagen X expression in human fetal skin lysate.

## 1 Publications Citing This Product

1. PubMed ID: -, Chaoyue Hong, Yi Tang, Xiu Hu, Xiwen Song, Yun Cai, Zhaozhong Song, Feiwu Kang, Partial deficiency of HIF-1alpha in chondrocytes effected bone repair of mandibular condylar neck, Archives of Oral Biology, 2020, 105023, ISSN 0003-9969, <https://doi.org/10.1016/j.archora>

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