

Collagen I polyclonal antibody

Catalog # PAB13488

Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against native Col1a1/Col1a2.
Immunogen	Native purified Col1a1/Col1a2 mouse skin.
Host	Rabbit
Reactivity	Mouse
Specificity	This antibody reacts with mouse collagen type I 100%, mouse collagen type II and IV <0.1%; mouse collagen type III <1%.
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1:200-1:600) Immunofluorescence (1:40) The optimal working dilution should be determined by the end user.
Storage Buffer	No additive
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay

Gene Info — Col1a1

Entrez GeneID	12842
Gene Name	Col1a1
Gene Alias	Col1a-1, Cola-1, Cola1, Mov-13, Mov13
Gene Description	collagen, type I, alpha 1
Gene Ontology	Hyperlink
Gene Summary	type I
Other Designations	OTTMUSP00000002001 alpha-1 type 1 collagen alpha-1 type I collagen procollagen, type I, alpha 1

Gene Info — Col1a2

Entrez GeneID	12843
Gene Name	Col1a2
Gene Alias	AA960264, A1325291, Col1a-2, Cola-2, Cola2, oim
Gene Description	collagen, type I, alpha 2
Gene Ontology	Hyperlink
Gene Summary	type I
Other Designations	OTTMUSP000000023584 collagen COL1A2 osteogenesis imperfecta procollagen, type I, alpha 2

Publication Reference

- [Single-cell transcriptomic dissection of the cellular and molecular events underlying the triclosan-induced liver fibrosis in mice.](#)

Yun-Meng Bai, Fan Yang, Piao Luo, Lu-Lin Xie, Jun-Hui Chen, Yu-Dong Guan, Hong-Chao Zhou, Teng-Fei Xu, Hui-Wen Hao, Bing Chen, Jia-Hui Zhao, Cai-Ling Liang, Ling-Yun Dai, Qing-Shan Geng, Ji-Gang Wang.

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Application: IF, Mouse, Mouse liver