

Rabbit Collagen Type I Alpha 2 (COL1a2) Polyclonal Antibody | anti-COL1a2 antibody

Polyclonal Antibody to Collagen Type I Alpha 2 (COL1a2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132605	Rabbit	Mouse, Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Collagen Type I Alpha 2 (COL1a2); Polyclonal Antibody; Polyclonal Antibody to Collagen Type I Alpha 2 (COL1a2); anti-COL1a2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against COL1a2. It has been selected for its ability to recognize COL1a2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	0.59mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-ATYRLNYT RTSLDVGTET TWEVKVVARI RPATDTGVLL ALVGDDDVVP ISVALVDYHS TKKLKKQLVV LAVEDVALAL MEIKVCDSQE HTVTVSLREG EATLEVDGK GQSEVSTAQL QERLDTLKTH LQGSVHTYVG GLPEVSIVA PVTAFYRGCM TLEVNG
Sequence Length	23
Applicable Applications for anti-COL1a2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant GAS6 (Ala483~Gly646) expressed in E.coli.
Cross Reactivity	Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Spleen Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Spleen Tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant COL1a2, Mouse.

**WB (Western Blot)**

Western Blot: Sample: Lane1: Mouse Kidney Tissue; Lane2: Mouse Placenta Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	111120329
NCBI GeneID	12843
NCBI Accession #	NP_031769.2
NCBI GenBank Nucleotide #	NM_007743.3
UniProt Accession #	Q01149 ; Q8CGA5
Molecular Weight	129,557 Da
NCBI Official Full Name	collagen alpha-2(I) chain preproprotein
NCBI Official Synonym Full Names	collagen, type I, alpha 2
NCBI Official Symbol	Col1a2
NCBI Official Synonym Symbols	oim; Cola2; Cola-2; Col1a-2; AA960264; AI325291
NCBI Protein Information	collagen alpha-2(I) chain
UniProt Protein Name	Collagen alpha-2(I) chain
UniProt Gene Name	Col1a2
UniProt Synonym Gene Names	Cola2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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