

Product Datasheet

Collagen II Antibody NBP2-55511

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-55511**Collagen II Antibody**

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

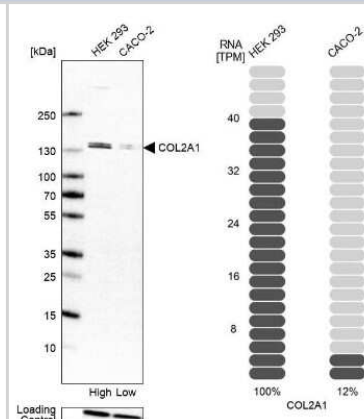
Product Description	
Host	Rabbit
Gene ID	1280
Gene Symbol	COL2A1
Species	Human
Reactivity Notes	Mouse 85%, Rat 87%
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: PGPGIDMSAFAGLGPREKGPDPQLQYMRADQAAGGLRQHDAEVDATL

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

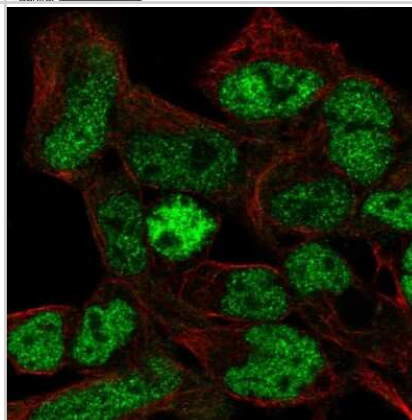


Images

Western Blot: Collagen II Antibody [NBP2-55511] - Analysis in human cell line HEK 293 and human cell line CACO-2.



Immunocytochemistry/Immunofluorescence: Collagen II Antibody [NBP2-55511] - Staining of human cell line HEK 293 shows localization to nucleoplasm. Antibody staining is shown in green.



Publications

Ge J, Yan Q, Wang Y, et al. IL-10 delays the degeneration of intervertebral discs by suppressing the p38 MAPK signaling pathway-10 protects intervertebral disc via p38 MAPK pathway Free Radic. Biol. Med. 2019-12-25 [PMID: 31883468] (WB, Human)

Jing H, Zhang X, Luo K, et al. miR-381-abundant small extracellular vesicles derived from kartogenin-preconditioned mesenchymal stem cells promote chondrogenesis of MSCs by targeting TAOK1 Biomaterials 2020-02-01 [PMID: 31864017] (IF/IHC, Human)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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