

Product Datasheet

Collagen I alpha 1 Antibody - BSA Free NBP2-92858-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-92858-0.1ml

Collagen I alpha 1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	138 kDa

Product Description

Description	Novus Biologicals Rabbit Collagen I alpha 1 Antibody - BSA Free (NBP2-92858) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1277
Gene Symbol	COL1A1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1151-1250 of human Collagen I alpha 1 (NP_000079.2). PGKDGLNGLPGPIGPPGPRGRTGDAGPVGPPGPPGPPGPPSAGFDFSFL PQPPQEKAHDGGRYYRADDANVVRDRDLEVDTTLSLSQQIENIRSPEG

Product Application Details

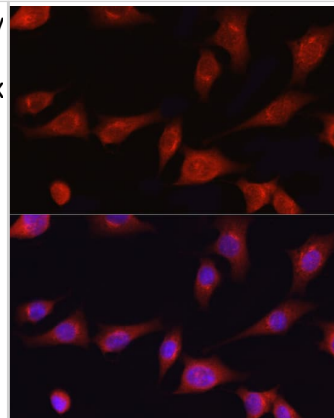
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

Images

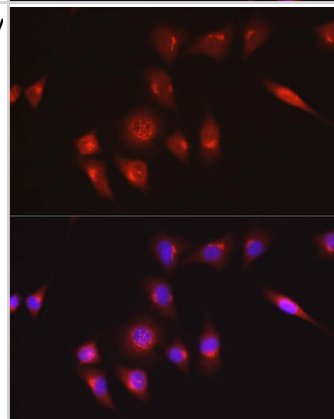
Western Blot: Collagen I alpha 1 Antibody - Azide and BSA Free [NBP2-92858] - Western blot analysis of various lysates using Collagen I alpha 1 Rabbit pAb at 1:3000 dilution incubated overnight at 4C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25 ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit.
Negative control (NC): HT-29
Exposure time: 90s.



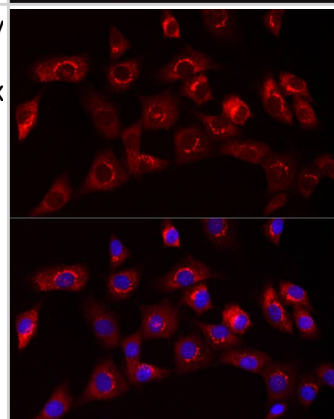
Immunocytochemistry/ Immunofluorescence: Collagen I alpha 1 Antibody - Azide and BSA Free [NBP2-92858] - Immunofluorescence analysis of NIH/3T3 cells using Collagen I alpha 1 Rabbit pAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: Collagen I alpha 1 Antibody - Azide and BSA Free [NBP2-92858] - Immunofluorescence analysis of NIH/3T3 cells using Collagen I alpha 1 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: Collagen I alpha 1 Antibody - Azide and BSA Free [NBP2-92858] - Immunofluorescence analysis of NIH/3T3 cells using Collagen I alpha 1 Rabbit pAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry: Collagen I alpha 1 Antibody - Azide and BSA Free [NBP2-92858] - Immunohistochemistry analysis of paraffin-embedded Human cervix tissue using Collagen I alpha 1 Rabbit pAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Publications

Eckhardt J, Ruiz A, Koenig S et al. Quantitative proteomic analysis of skeletal muscles from wild-type and transgenic mice carrying recessive Ryr1 mutations linked to congenital myopathies eLife 2023-03-02 (Western Blot, Mouse)



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Products Related to NBP2-92858-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-77457PEP	Collagen I alpha 1 Antibody Blocking Peptide

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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