

Product Datasheet

Collagen I alpha 1 Antibody - BSA Free NBP1-68942

Unit Size: 100 ul

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

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NBP1-68942

Collagen I alpha 1 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	139 kDa

Product Description

Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	1277
Gene Symbol	COL1A1
Species	Human
Reactivity Notes	Rat reactivity reported from a verified customer review.
Immunogen	This Collagen I alpha 1 antibody was raised against synthetic peptides corresponding to COL1A1 (collagen, type I, alpha 1) The peptide sequence was selected from the C terminal of COL1A1. Peptide sequence YRADDANVVRDRDLEVDTTLSLSQQIENIRSPEGSRKNPARTCRDLKMC. The peptide sequence for this immunogen was taken from within the described region.

Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1.0 ug/ml, ELISA

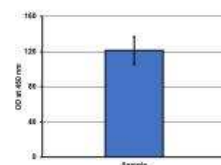


Images

Western Blot: Collagen I alpha 1 Antibody [NBP1-68942] - Titration: 0.2-1 ug/ml, Positive Control: Human brain. Theoretical molecular weight: 139 kDa.



ELISA: Collagen I alpha 1 Antibody [NBP1-68942] - Collagen I levels in rat brain cell lysates. ELISA image submitted by a verified customer review.



Publications

Koch DW, Schnabel LV, Ellis IM et al. TGF- β 2 enhances expression of equine bone marrow-derived mesenchymal stem cell paracrine factors with known associations to tendon healing Stem Cell Research & Therapy 2022-09-16 [PMID: 36114555] (Western Blot)



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Products Related to NBP1-68942

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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