

Product Datasheet

Heparan Sulfate Proteoglycan 2 Antibody (A74) - BSA Free NBP2-23523-0.1ml

Unit Size: 0.1ml

Store at 4C in the dark.

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NBP2-23523-0.1ml

Heparan Sulfate Proteoglycan 2 Antibody (A74) - BSA Free

Product Information	
Unit Size	0.1ml
Concentration	1 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	A74
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl
Product Description	
Description	Novus Biologicals Mouse Heparan Sulfate Proteoglycan 2 Antibody (A74) - BSA Free (NBP2-23523) is a monoclonal antibody validated for use in IHC, WB, ELISA, Simple Western and IP. Anti-Heparan Sulfate Proteoglycan 2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3339
Gene Symbol	HSPG2
Species	Human, Bovine
Specificity/Sensitivity	Highly specific for perlecan. There is no evidence for cross-reactivity with other connective tissue proteins (vitronectin, fibronectin, elastin, collagen, laminin).
Immunogen	Bovine corneal endothelial cells
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunoaffinity Purification
Recommended Dilutions	Western Blot 1:100-1:2000, Simple Western 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoaffinity Purification
Application Notes	ELISA: NBP2-23523 can be used in ELISA. WB: In Western blotting a dilution guideline of 1/100 has proved successful. (1) IHC: NBP2-23523 can be used in immunostaining of frozen PLP-fixed sections of bovine and human tissues. AP: NBP2-23523 can be used in affinity chromatography, in conjunction with NBP2-23522 to separate recombinant domain I from full length perlecan. (1) IP: NBP2-23523 can be used in immunoprecipitation. See Simple Western Antibody Database for Simple Western validation: Tested in Fibroblasts, separated by Size, antibody dilution of 1:500



Publications

Wiśniewska K, Rintz E, Źabińska M et al. Comprehensive evaluation of pathogenic protein accumulation in fibroblasts from all subtypes of Sanfilippo disease patients. Biochemical and biophysical research communications 2024-09-19 [PMID: 39305572]

Gaffke L, Firyn N, Rintz E et al. Therapeutic potential of lithium chloride and valproic acid against neuronopathic types of mucopolysaccharidoses through induction of the autophagy process Archives of biochemistry and biophysics 2023-09-12 [PMID: 37708928]

Rintz E, Podlacha M, Cyske Z et al. Activities of (Poly)phenolic Antioxidants and Other Natural Autophagy Modulators in the Treatment of Sanfilippo Disease: Remarkable Efficacy of Resveratrol in Cellular and Animal Models Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics 2022-11-07 [PMID: 36344724] (Cytometric Bead Assay Standard, Human)





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Products Related to NBP2-23523-0.1ml

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00003339-Q01-10ug	Recombinant Human Heparan Sulfate Proteoglycan 2 GST (N-Term) Protein

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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