

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

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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