

# Product Datasheet

## ChABC Antibody (6A12) - BSA Free NBP1-96142

Unit Size: 0.1 ml

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

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**NBP1-96142**

ChABC Antibody (6A12) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6A12
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	Tris-Glycine and 0.15M NaCl
Target Molecular Weight	80 kDa

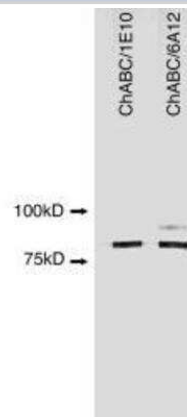
Product Description	
Description	Novus Biologicals Mouse ChABC Antibody (6A12) - BSA Free (NBP1-96142) is a monoclonal antibody validated for use in WB and ELISA. Anti-ChABC Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Immunogen	Chondroitinase ABC

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
Application Notes	<p>This ChABC (6A12) antibody is useful for ELISA and Western blot, where a band can be seen at approximately 80 kDa. A fainter band can be seen around 90 kDa. It can be used in Sandwich ELISA as the capture antibody with catalog # NBP1-96141, ChABC (1E10) as the detection antibody.</p> <p>The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors. Western blot data: 125 ng Chondroitinase ABC was mixed with 100 ug of fetal bovine serum (as a background control). The proteins were mixed with 100 ul of non-reducing sample buffer and applied to a single 6 cm well set in a SDS-PAGE minigel (approx 20 ng/well [0.5 cm]). The gel bands were electroblotted to a nitrocellulose sheet. Immunolabeling for individual antibodies was performed on the sheet placed in a slot blot devise. Affinity purified NBP1-96141 (ChABC/1E10) and NBP1-96142 (ChABC/6A12) were applied at 5 ug/ml IgG.</p>



## Images

Western Blot: ChABC Antibody (6A12) [NBP1-96142] - Western blot analysis of ChABC using NBP1-96141 (ChABC/1E10) and NBP1-96142 (ChABC/6A12). See Notes for additional information.



## Publications

Khalil AS, Hellenbrand D, Reichl K et al. A Localized Materials-based Strategy to Non-virally Deliver Chondroitinase ABC mRNA Improves Hindlimb Function in A Rat Spinal Cord Injury Model *Advanced healthcare materials* 2022-07-26 [PMID: 35882512] (WB, *P. vulgaris*)



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### **Products Related to NBP1-96142**

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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]
NBP1-97019-5mg	Mouse IgG Isotype Control

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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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