

Product Datasheet

Striatin Antibody NB110-74571

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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NB110-74571**Striatin Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	110 kDa

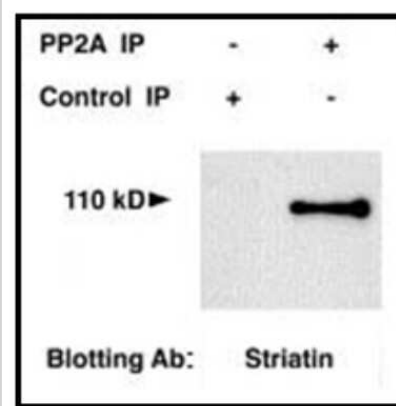
Product Description	
Host	Rabbit
Gene ID	6801
Gene Symbol	STRN
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody specific for Striatin. It does not cross-react with SG2NA.
Immunogen	Synthetic peptide made to an internal portion of the human Striatin protein (within residues 350-400). [Swiss-Prot# O43815]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, Immunocytochemistry/ Immunofluorescence 1:5000, Immunoprecipitation 1:10-1:500
Application Notes	This Striatin antibody is useful in Western blot, Immunocytochemistry/Immunofluorescence and Immunoprecipitation. In WB a band can be seen at ~110 kDa. 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.

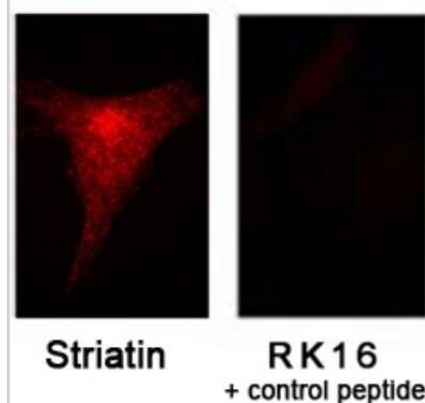


Images

Western Blot: Striatin Antibody [NB110-74571] - Immunoblot of PP2A immunoprecipitate with NB110-74571.



Immunocytochemistry/Immunofluorescence: Striatin Antibody [NB110-74571] - Immunofluorescent staining of NIH3T3 cells $\pm$ blocking peptide using NB110-74571.



Publications

Joshua J. Cull, Susanna T.E. Cooper, Haged O. Alharbi, Sonia P. Chothani, Owen J.L. Rackham, Daniel N. Meijles, Philip R. Dash, Risto Kerkelä, Neil Ruparelia, Peter H. Sugden, Angela Clerk Striatin plays a major role in angiotensin II-induced cardiomyocyte and cardiac hypertrophy in mice in vivo *Clinical Science (London, England)* : 1979) 2024-05-01 [PMID: 38718356]

Cull J, Cooper S, Alharbi H et al. Striatin plays a major role in angiotensin II-induced cardiomyocyte and cardiac hypertrophy in mice in vivo *bioRxiv* 2023-10-25 (Western Blot, Human)

Montalbano AP, Hawgood S, Mendelson CR. Mice deficient in surfactant protein A (SP-A) and SP-D or in TLR2 manifest delayed parturition and decreased expression of inflammatory and contractile genes. *Endocrinology* 2013-01-01 [PMID: 23183169] (Mouse)

Chen YK, Chen CY, Hu HT, Hsueh YP. CTTNBP2, but not CTTNBP2NL, regulates dendritic spinogenesis and synaptic distribution of the striatin-PP2A complex *Mol Biol Cell* 2012-11-01 [PMID: 23015759] (WB, ICC/IF, Rat)

Yu, XX et al. Methylation of the protein phosphatase 2A catalytic subunit is essential for association of Balph regulatory subunit but not SG2NA, striatin, or polyomavirus middle tumor antigen. *Mol Biol Cell*;12(1):185-99. 2001-01-01 [PMID: 11160832] (IP)

Moreno, CS et al. A mammalian homolog of yeast MOB1 is both a member and a putative substrate of striatin family-protein phosphatase 2A complexes. *J Biol Chem*;276(26):24253-60. 2001-06-29 [PMID: 11319234] (IP, ICC/IF, Human)

Moreno, CS et al. WD40 repeat proteins striatin and S/G(2) nuclear autoantigen are members of a novel family of calmodulin-binding proteins that associate with protein phosphatase 2A. *J Biol Chem*;275(8):5257-63. 2000-02-25 [PMID: 10681496] (IP, Human)



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Products Related to NB110-74571

NBL1-16570	Striatin Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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