

Product Datasheet

STRN4 Antibody - BSA Free

NBP2-36537

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP2-36537

STRN4 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

Description	Novus Biologicals Rabbit STRN4 Antibody - BSA Free (NBP2-36537) is a polyclonal antibody validated for use in WB and IP. Anti-STRN4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	29888
Gene Symbol	STRN4
Species	Human, Mouse
Immunogen	The immunogen recognized by the antibody maps to a region between residue 325 to 375 of human Striatin-4 using the numbering given in entry NP_037535.2.

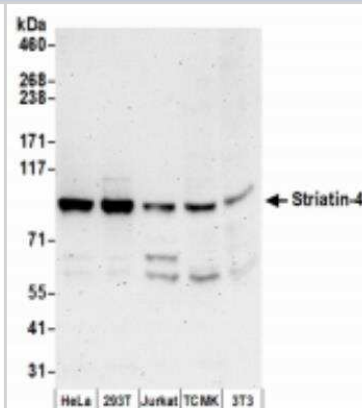
Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation 2 - 10 ug/mg lysate
Application Notes	Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE gel.

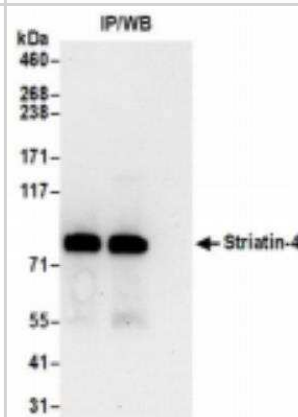


Images

Western Blot: STRN4 Antibody [NBP2-36537] - Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Striatin-4 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: STRN4 Antibody [NBP2-36537] - Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. For blotting immunoprecipitated Striatin-4, A304-573A was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



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)



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Products Related to NBP2-36537

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55532PEP	STRN4 Recombinant Protein Antigen

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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