

Product Datasheet

Syntaxin-BP1 Antibody (S05-4B6)

NBP3-15097-100ul

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-15097

Updated 9/9/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-15097



NBP3-15097-100ul

Syntaxin-BP1 Antibody (S05-4B6)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S05-4B6
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% BSA
Target Molecular Weight	68 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Syntaxin-BP1 Antibody (S05-4B6) (NBP3-15097) is a recombinant monoclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6812
Gene Symbol	STXBP1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide of human Syntaxin-BP1 (Uniprot#: P61764)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1/2000-1/10000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockout Validated

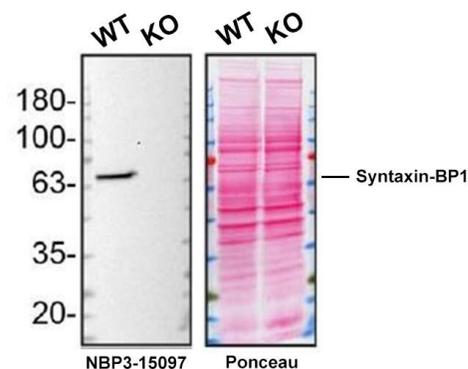


Images

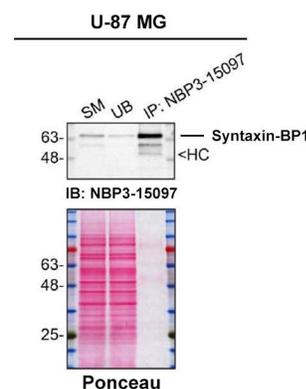
Western Blot: Syntaxin-BP1 Antibody (S05-4B6) [NBP3-15097] - Western blot detection of Syntaxin-BP1 in HeLa, A549, C6 cell lysates using Syntaxin-BP1 Rabbit mAb (1:1000 diluted). Predicted band size: 68kDa. Observed band size: 68kDa.



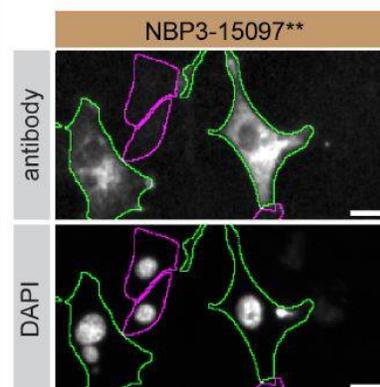
Western blot shows lysates of U-87 MG human glioblastoma/astrocytoma parental cell line and Syntaxin-BP1 knockout U-87 MG cell line (KO). Nitrocellulose membrane was probed with Syntaxin-BP1 Antibody (S05-4B6) (Catalog # NBP3-15097) followed by HRP-conjugated secondary antibody. A specific band was detected for Syntaxin-BP1 at approximately 68 kDa (as indicated) in the parental U-87 MG cell line, but is not detectable in knockout U-87 MG cell line. Primary antibody dilution used: 1/2000. The Ponceau stained transfer of the blot is shown. This experiment was conducted under reducing conditions. Image, protocol, and testing courtesy of YCharOS Inc. See ycharos.com for additional details.



U-87 MG human glioblastoma/astrocytoma cell line lysates were prepared and immunoprecipitation was performed using 2.0 μ g of Syntaxin-BP1 Antibody (S05-4B6) (Catalog # NBP3-15097) pre-coupled to Dynabeads Protein A. Immunoprecipitated Syntaxin-BP1 was detected in Western Blot with NBP3-15097 used at 1/2000. The Ponceau stained transfer of the blot is shown. SM=4% starting material; UB=4% unbound fraction; IP=immunoprecipitate; HC=antibody heavy chain. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



U-87 MG human glioblastoma/astrocytoma parental cell line WT and Syntaxin-BP1 U-87 MG KO cells were labelled with a green or a far-red fluorescent dye, respectively. Cells were stained with Syntaxin-BP1 Antibody (S05-4B6) (Catalog # NBP3-15097) followed by incubation with an Alexa-fluor 555 conjugated secondary antibody (upper panel). DAPI-only counterstained cells shown on a lower panel. Acquisition of the blue (nucleus-DAPI), green (identification of WT cells), red (antibody staining) and far-red (identification of KO cells) channels was performed. Representative images of the blue and red (grayscale) channels are shown. WT and KO cells are outlined with green and magenta dashed line, respectively. Primary antibody dilution used: 1/500. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-15097-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-15097

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

