

Product Datasheet

TEV Protease Antibody - BSA Free NBP1-97669

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-97669

Updated 2/23/2025 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/NBP1-97669

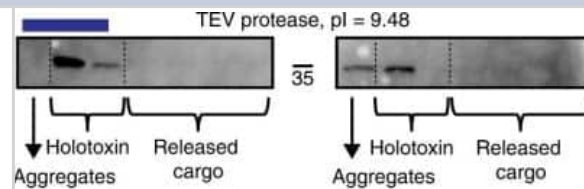


NBP1-97669**TEV Protease Antibody - BSA Free**

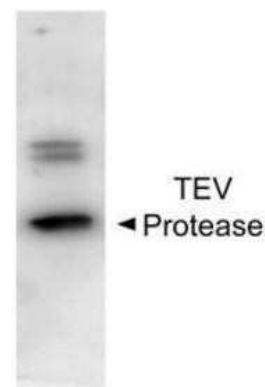
Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was protein-A purified and cross-adsorbed against MBP from monospecific antiserum by chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	1502321
Gene Symbol	TEVgp1
Species	Virus
Reactivity Notes	Reactive with Tobacco Etch Virus
Specificity/Sensitivity	Assay by western blot showed no reactivity to MBP.
Immunogen	This protein-A purified TEV Protease Antibody was prepared from whole rabbit serum produced by repeated immunizations with recombinant MBP-and-poly-His-tagged auto inactivation-resistant mutant TEV Protease. (Uniprot: P04517)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA 1:1500-1:27000
Application Notes	This protein A purified antibody has been tested for use in western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 27 kDa in size corresponding to TEV by western blotting in the appropriate cell lysate or extract. Anti-TEV protease may be useful to detect residual TEV protease in preparations of recombinant proteins in which that protease may interfere with downstream manipulations.

Images

Western Blot: TEV Protease Antibody [NBP1-97669] - No translocation was observed for TEV protease cargo alone. Western blots show the presence of the constructs at lower retention volumes during size exclusion chromatography both at pH 8 (Left) and pH 11 (Right), meaning they co-localize with the rest of the holotoxin even after prepore-to-pore transition and are not translocated. Note: Lower retention volume towards left of blot and higher retention volume toward right. Image collected and cropped by CiteAb from the following publication ([//pubmed.ncbi.nlm.nih.gov/31748551/](https://pubmed.ncbi.nlm.nih.gov/31748551/)) licensed under a CC-BY license.



Western Blot: TEV Protease Antibody [NBP1-97669] - E.coli lysate containing recombinant TEV protease, NBP1-97669 used at 1:1000 dilution.



Publications

Si L, Shen Q, Li J et al. Generation of a live attenuated influenza A vaccine by proteolysis targeting Nature biotechnology 2022-07-04 [PMID: 35788567] (WB, Virus - HPV)

Details:

1:1,000 dilution for western blotting, 1:200 dilution for immunofluorescence staining

Roderer D, Schubert E, Sitsel O et al. Towards the application of Tc toxins as a universal protein translocation system Nat Commun 2019-11-22 [PMID: 31748551] (WB)



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 NBP1-97669

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-61441-300IU	Recombinant TEV Protease His (N-Term) Protein

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/NBP1-97669

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

