

Product Datasheet

USP18 Antibody - BSA Free

NB600-893

Unit Size: 0.1 mg

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

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NB600-893

USP18 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	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This affinity-purified antibody is directed against human USP18 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification 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.
Host	Rabbit
Gene ID	11274
Gene Symbol	USP18
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest reactivity with this protein from human, chimpanzee and orangutan based on 100% homology for the immunogen sequence. The core 7 amino acid sequence QPRERPR of the 10 amino acid immunogen sequence may be reactive with USP18 from mouse and dog. This core sequence also shows partial homology with proteins other than USP18. Cross reactivity with USP18 homologues from other sources has not been determined.
Specificity/Sensitivity	This affinity-purified antibody is directed against human USP18 protein. A BLAST analysis was used to suggest reactivity with this protein from human, chimpanzee and orangutan based on 100% homology for the immunogen sequence. The core 7 amino acid sequence QPRERPR of the 10 amino acid immunogen sequence may be reactive with USP18 from mouse and dog. This core sequence also shows partial homology with proteins other than USP18. Cross reactivity with USP18 homologues from other sources has not been determined.
Immunogen	This affinity purified USP18 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near aa 25-50 of human USP18 protein. (Uniprot: Q9UMW8)
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000-1:50000, Immunocytochemistry/ Immunofluorescence 1:10-1:500

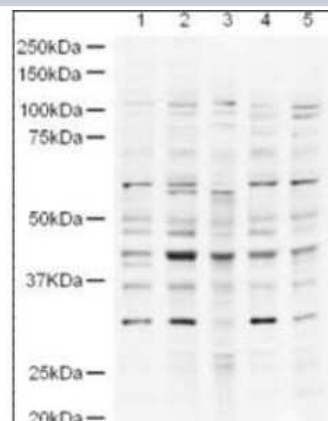


Application Notes

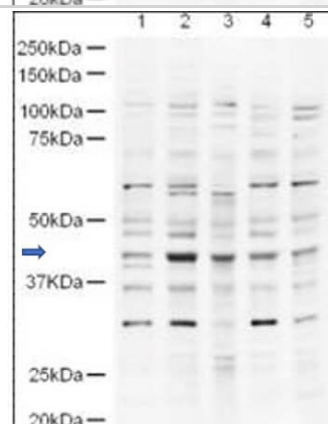
This affinity purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 43 kDa in size corresponding to UBP43 by western blotting in the appropriate cell lysate or extract.

Images

Western Blot: USP18 Antibody [NB600-893] - Analysis of a band 43 kDa band (arrowhead) believed to be to UBP43 in lysates from HeLa nuclear extracts (lane 1) and whole cell lysates from HeLa (lane 2), A431 (lane 3, Jurkat (Lane 4) and HEK293 (lane 5). Approximately 18 ug of each lysate was run on a SDS-PAGE and transferred onto nitrocellulose followed by reaction with a 1:500 dilution of anti-UBP43 antibody. Signal was detected using standard techniques. The strong band between the 37kD and 50kD markers is expected to be UBP43. The other bands are probably non-specific.



Western blot using Affinity Purified anti-UBP43 antibody. Lane 1: HeLa nuclear extracts





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 NB600-893

NBL1-17648	USP18 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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