

Product Datasheet

Cullin 4a Antibody - N-terminal NBP1-78040

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-78040

Updated 10/23/2024 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/NBP1-78040



NBP1-78040

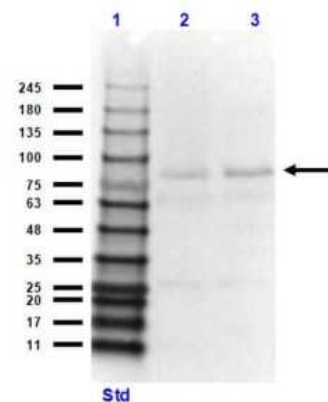
Cullin 4a Antibody - N-terminal

Product Information	
Unit Size	0.1 ml
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	Serum
Purity	Delipidation and Defibrination
Buffer	Antiserum
Product Description	
Description	<p>This product is monospecific antiserum processed by delipidation and defibrination followed by sterile filtration</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	8451
Gene Symbol	CUL4A
Species	Human
Reactivity Notes	This product reacts with human Cullin 4a. Cross reactivity is expected against mouse Cul4A based on a high degree of sequence homology. Cross reactivity with other human cullins may occur.
Immunogen	This Cullin 4a Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the N-Terminal region near amino acids 1-25 of Human Cullin 4a coupled to KLH. (Uniprot: Q13619)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:2000-1:10000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This product has been tested by western blot, immunoprecipitation, and immunohistochemistry. The antibody immunoprecipitates protein from cell lysates (using HeLa, U2OS and others). This antibody also co-immunoprecipitates at least 8 subunits of COP9, DDB1 and CAND1. An 87.6 kDa band corresponding to human Cul4A is detected. Most cell lines expressing Cul4A can be used as a positive control. Researchers should determine optimal titers for other applications.

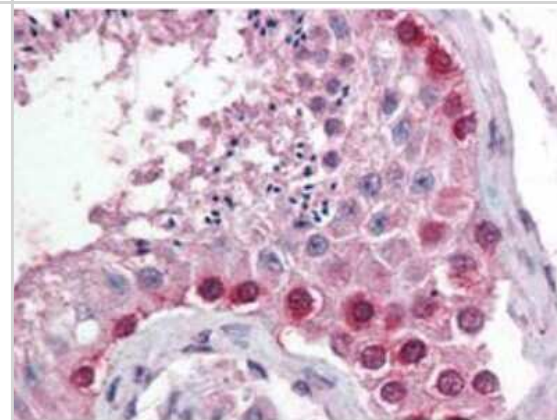


Images

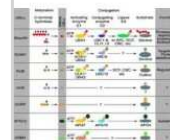
Western Blot: Cullin 4a Antibody [NBP1-78040] - Western Blot of Cullin 4a antibody. Lane 1: Opal Pre-Stained Ladder. Lane 2: human Testis. Lane 3: human skeletal muscle. Load: 35ug lysate per lane. Primary Antibody: Anti-Cullin 4a at 1:500 overnight at 2-8C. Secondary Antibody: Goat anti-rabbit IgG HRP at 1:70,000 at RT for 30 mins. Expect: ~87.6kDa.



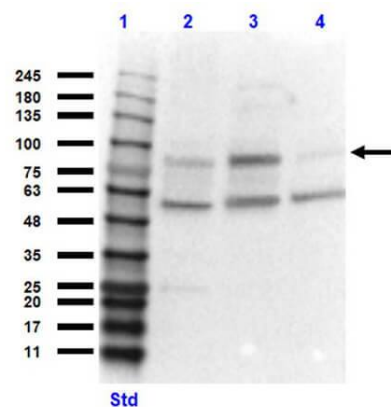
Immunohistochemistry: Cullin 4a Antibody [NBP1-78040] - Immunohistochemistry. Cullin 4a antibody was diluted 1:500 to detect Cullin 4a in human testes tissue. Tissue was formalin fixed and paraffin embedded. No pre-treatment of sample was required. The image shows the localization of antibody as the precipitated red signal, with a hematoxylin purple nuclear counter stain.



N/A: Cullin 4a Antibody [NBP1-78040]



Western Blot of Rabbit Cullin 4a Antibody - N-terminal. Lane 1: Opal Pre-Stained Ladder



Publications

Higa LA, Mihaylov IS, Banks DP et al. Radiation-mediated proteolysis of CDT1 by CUL4-ROC1 and CSN complexes constitutes a new checkpoint. Nat Cell Biol 2003-11-01 [PMID: 14578910]



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 NBP1-78040

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00143384-P01-10ug	Recombinant Human CAC1 GST (N-Term) Protein
NBL1-09609	Cullin 4a Overexpression Lysate

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/NBP1-78040

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

