

Product Datasheet

Cullin-7 Antibody - C-terminus

NBP1-78042

Unit Size: 0.1 ml

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

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NBP1-78042**Cullin-7 Antibody - C-terminus**

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

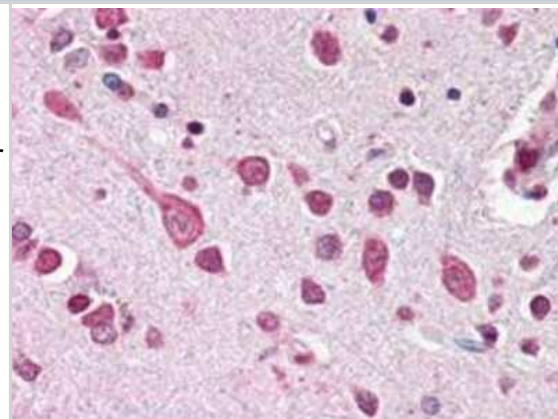
Product Description	
Description	<p>This product is monospecific antiserum processed by delipidation and defibrination followed by sterile filtration</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge 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	9820
Gene Symbol	CUL7
Species	Human
Reactivity Notes	Cross reactivity with other human cullins may occur
Immunogen	This Cullin-7 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the C-Terminus region near amino acids 1675-1698 of Human Cullin-7 coupled to KLH. (Uniprot: Q14999)

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, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	<p>This product has been tested by immunohistochemistry. This antibody reacts with human and mouse Cul7 by western blot and immunoprecipitation. The antibody immunoprecipitates in vitro translated protein and also immunoprecipitates protein from cell lysates (using HeLa, NIH-3T3, and others). This antibody also co-immunoprecipitates associated proteins in overexpressed CUL7 systems. A 191.2 kDa band corresponding to human Cul7 is detected. Most cell lines expressing Cul7 can be used as a positive control. Researchers should determine optimal titers for other applications.</p>

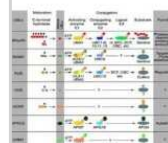


Images

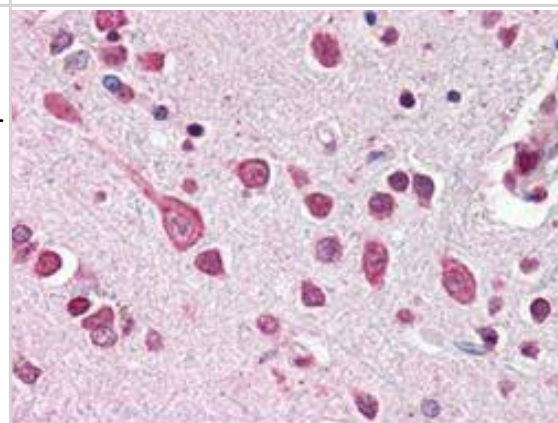
Immunohistochemistry: Cullin-7 Antibody [NBP1-78042] - Cullin-7 antibody was diluted 1:500 to detect Cullin-7 in human brain cortex tissue. Tissue was formalin fixed and paraffin embedded. No pre-treatment of sample was required. The image shows the localization of antibody as the precipitated red signal, with a hematoxylin purple nuclear counter stain.



N/A: Cullin-7 Antibody [NBP1-78042]



Anti-CUL7 antibody was diluted 1:500 to detect CUL7 in human brain cortex 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.



Publications

Arai T, Kasper JS, Skaar JR et al. Targeted disruption of p185/Cul7 gene results in abnormal vascular morphogenesis. Proc Natl Acad Sci U S A 2003-08-01 [PMID: 12904573]

Dias DC, Dolios G, Wang R et al. CUL7: A DOC domain-containing cullin selectively binds Skp1.Fbx29 to form an SCF-like complex. Proc Natl Acad Sci U S A 2002-12-01 [PMID: 12481031]



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Products Related to NBP1-78042

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00009820-Q01-10ug	Recombinant Human Cullin-7 GST (N-Term) Protein
DY394-05	CCL18/PARC [Biotin]

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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