

Product Datasheet

DCP1B Antibody - BSA Free NBP1-82018

Unit Size: 0.1 ml

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

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NBP1-82018

DCP1B Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See 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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

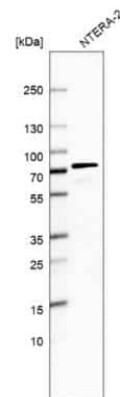
Product Description	
Host	Rabbit
Gene ID	196513
Gene Symbol	DCP1B
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QYEQLKAHQGTGAGISPVILNSGEGKEVDILRMLIKAKDEYTKCKTCSEPKKITS SSAIYDNPNIKPIPVKPSENQQQRIPQPNQTLDPEPQHLSLTALFGKQD

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	WB, ICC/IF reported in scientific literature (PMID: 27918561). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

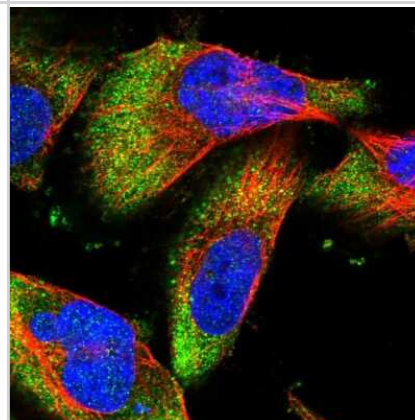


Images

Western Blot: DCP1B Antibody [NBP1-82018] - Analysis in human cell line NTERA-2.



Immunocytochemistry/Immunofluorescence: DCP1B Antibody [NBP1-82018] - Staining of human cell line U-251 MG shows localization to cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: DCP1B Antibody [NBP1-82018] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



Publications

Chen TW, Liao HW, Noble M et al. Human DCP1 is crucial for mRNA decapping and possesses paralog-specific gene regulating functions eLife 2024-11-01 [PMID: 39485278]

D'Lima NG, Ma J, Winkler L et al. A human microprotein that interacts with the mRNA decapping complex. Nat Chem Biol 2017-02-01 [PMID: 27918561] (ICC/IF, WB, Human)



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Products Related to NBP1-82018

NBP1-82018PEP	DCP1B Recombinant Protein Antigen
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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