

# 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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### Publications: 2

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**NBP1-82018**

DCP1B Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit DCP1B Antibody - BSA Free (NBP1-82018) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-DCP1B Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	196513
<b>Gene Symbol</b>	DCP1B
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: QYEQLKAHQGTGAGISPVILNSGEGKEVDILRMLIKAKDEYTKCKTCSEPCKKITS SSAIYDNPNIKPIPVKPSSENQQQRIPQPNQTLDPEPQHLSLTALFGKQD

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	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.

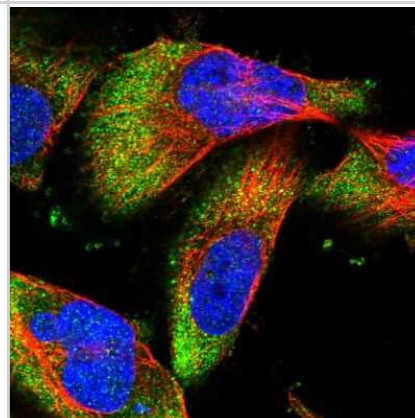


## Images

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**

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NBP1-82018PEP	DCP1B Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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