

Product Datasheet

DCPS Antibody - BSA Free

NBP1-81749

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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NBP1-81749

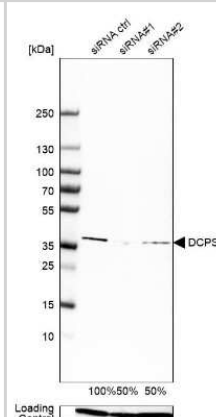
DCPS Antibody - BSA Free

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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	28960
Gene Symbol	DCPS
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (82%). Human reactivity reported in scientific literature (PMID: 25712129).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QLGKRKRELDVEEAHAASTEKEAGVGNGTCPVRLPFSGFRLQKVLRESAR DKIIFLHGKVNEASGDGDGEDAVVILEKTPFQVEQVAQLLTGSPE
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	WB, ICC/IF reported in scientific literature (PMID: 25712129). For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

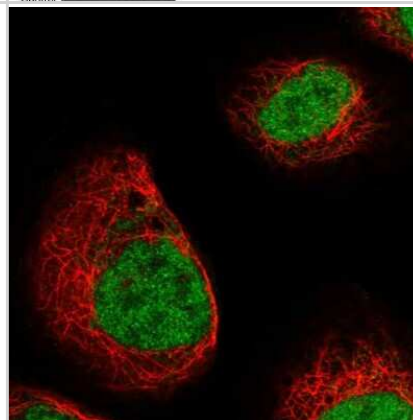


Images

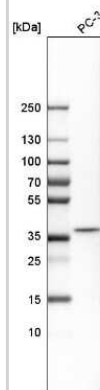
Western Blot: DCPS Antibody [NBP1-81749] - Analysis in EFO-21 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-DCPS antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



Immunocytochemistry/Immunofluorescence: DCPS Antibody [NBP1-81749] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoplasm.



Western Blot: DCPS Antibody [NBP1-81749] - Analysis in human cell line PC-3.



Publications

Ng CK, Shboul M, Taverniti V et al. Loss of the scavenger mRNA decapping enzyme DCPS causes syndromic intellectual disability with neuromuscular defects. Hum Mol Genet 2015-06-01 [PMID: 25712129] (WB, ICC/IF, Human)



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Products Related to NBP1-81749

NBP1-81749PEP	DCPS 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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