

# Product Datasheet

## DIS3 Antibody - Azide and BSA Free H00022894-B01P

Unit Size: 50 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00022894-B01P**

DIS3 Antibody - Azide and BSA Free

Product Information	
Unit Size	50 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	PBS (pH 7.4)

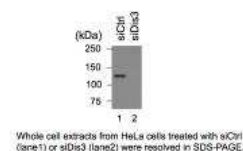
Product Description	
Description	Novus Biologicals Mouse DIS3 Antibody - Azide and BSA Free (H00022894-B01P) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-DIS3 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	22894
Gene Symbol	DIS3
Species	Human, Mouse, Chicken
Immunogen	KIAA1008 (AAH56143.1, 1 a.a. - 958 a.a.) full-length human protein. MLKSKTFLKKTRAGGVMKIVREHYLRDDIGCGAPGCAACGGAHEGPALEPQP QDPASSVCPQPHYLLPDTNVLLHQIDVLEDPAINRVIVLQTVLQEVNRNSAPVY KRIRDVTNNQEKHFYFTTNEHHRETYVEQEQQENANDRNDRAIRVAAKWYNE HLKKMSADNQLQVIFITNDRRNKEKAIEEGIPAFTCEEYVKSLTANPELIDRLACL SEEGNEIESGKIIFSEHLPLSKLQQGIKSGTYLQGTFRASRENYLEATVWIHGDN EENKEIILQGLKHLNRAVHEDIVAVELLPKSQWVAPSSVVLHDEGQNEEDVEKE EERERMLKTAVSEKMLKPTGRVVGIIKRNWRPYCGMLSLSKSDIKESRRHLFTP DKRIPRIRIETRQASTLEGRRIIVADGWPRNSRYPNGHFVRNLGDVGEKETETE VLLLEHDVPHQPFSQAVLSFLPKMPWSITEKDMKNREDLRHLCICSVDPPGCT DIDDALHCRELENGNLEVGVHIADVSHFIRPGNALDQESARRGTTVYLCEKRID MVPELLSSNLCSLKCDVDRLAFSCIWEMNHNAEILKTKFTKSVINSKASLYAEA QLRIDSANMDDITSLRGLNKLAKILKKRRIEKGALTSSPEVRFHMDSETHDPI DLQTKELRETNSMVEEFMLLANISVAKKIHEEFSEHALLRKHPAPPPSNYEILVK AARSRNLEIKTDTAKSLAESLDQAESPTFPYLNTLLRILATRCMMQAVYFCSGM DNDFHHYGLASPIYTHFTSPIRRYADVIVHRLLAIVAIGADCTYPELTDKHKLADIC KNLNFRHKMAQYAQRASVAFHTQLFFKSKGIVSEEAYILFVRKNAIVVLIPKYGL EGTVFFEEKDKPNPQLIYDDEIPSLKIEDTVFHVFDKVKVKIMLDSSNLQHQQIR MSLVEPQIPGISIPTDTSNMDLNGPKKKKMKLGK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	This antibody is useful for Western Blot, Immunofluorescence

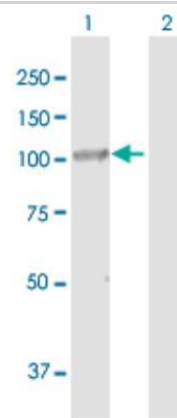


## Images

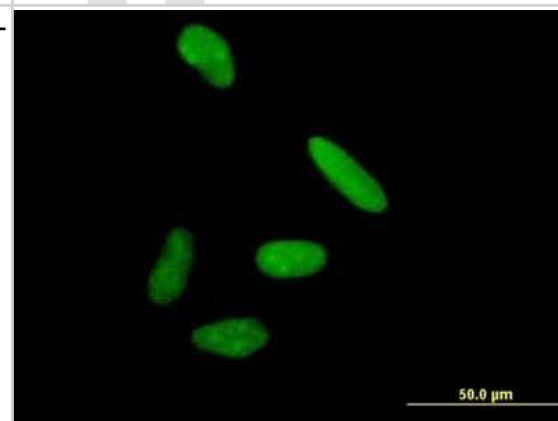
Western Blot: DIS3 Antibody [H00022894-B01P] - analysis of DIS3 in HeLa whole cell extracts treated with (1) si-Control and (2) DIS3 siRNA using anti-DIS3 antibody. Image from verified customer review.



Western Blot: DIS3 Antibody [H00022894-B01P] - Analysis of DIS3 expression in transfected 293T cell line by DIS3 polyclonal antibody. Lane 1: KIAA1008 transfected lysate(105.38 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: DIS3 Antibody [H00022894-B01P] - Analysis of purified antibody to KIAA1008 on HeLa cell. (antibody concentration 10 ug/ml)



## Publications

Scott, Micha M, Arpan R et al. Feedback from nuclear RNA on transcription promotes robust RNA concentration homeostasis in human cells. *Cell Syst.* 2022-05-18 [PMID: 35613616]

Ogami K, Richard P, Chen Y et al. An Mtr4/ZFC3H1 complex facilitates turnover of unstable nuclear RNAs to prevent their cytoplasmic transport and global translational repression. *Gens & Dev.* 2017-07-21 [PMID: 28733371]

Xie M, Li M, Vilborg A et al. Mammalian 5'-Capped MicroRNA Precursors that Generate a Single MicroRNA. *Cell.* 2013-12-19 [PMID: 24360278]

Hsin JP, Li W, Hoque M et al. RNAP II CTD tyrosine 1 performs diverse functions in vertebrate cells. *Elife (Cambridge)* 2014-06-04 [PMID: 24842995] (WB, Chicken)

### Details:

EXOSC3 antibody used for WB on lysates of 26r (DT40 cells derived Rpb1 derivative containing a CTD with 26 YSPTSPS repeats) and 25F+Y cells (Rpb1-Y1F derivative in which only a single F, in the C terminal-most heptad, was changed back to Y). WB data shown in Supplement Figure 4.



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### **Products Related to H00022894-B01P**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97019-5mg	Mouse 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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