

Product Datasheet

SMARCAD1 Antibody - Azide and BSA Free H00056916-B01P

Unit Size: 0.05 mg

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

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Publications: 2

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Updated 9/9/2025 v.20.1

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H00056916-B01P

SMARCAD1 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
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 A purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Novus Biologicals Mouse SMARCAD1 Antibody - Azide and BSA Free (H00056916-B01P) is a polyclonal antibody validated for use in WB, ICC/IF and ChIP. Anti-SMARCAD1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	56916
Gene Symbol	SMARCAD1
Species	Human
Specificity/Sensitivity	SMARCAD1 - SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1,
Immunogen	SMARCAD1 (AAH45534.1, 1 a.a. - 1028 a.a.) full-length human protein. MNLFNLDLDRFRFEKRNKIEEAPATPQPSQPGPSSPISLSAEEENAEGEVSRRANT PDSDITEKTEDSSVPETPDNERKASISYFKNQRGIQYIDLSSDSEDVVSPNCSNT VQEKTFNKDTVIIVSEPESEDEESQGLPTMARRNDDISELEDLSELEDLKDALKQT LKELFPQRSNDLLKLIESTSTMDGAIAAALLMFGDAGGGPRKRKLSSESSEPYE EDEFNDDQSIIKTRLDHGEESNESAESSNNWEKQESIVLKLQKEFPNFDKQEL REVLKEHEWMYTEALESKVFVAEDQDMQYASQSEVPNGKEVSSRSQNYPKN ATKTKLKQKFSMKAQNGFNKKRKNVFNQKRVVEDSEYDSGSDVGSSLDDEDY SSGEEVMEDGYKGGKILHFLQDASIGELTLIPQCSQKKAQKITELRPFNSWEALFT KMSKTNGLSEDLIWHCKTLIQRDVIIRLMNKCEDISNKLTQVTMLTGNGGG WNIEQPSILNQSLSLKPYQKVLNWLALVHKHGLNGILADEMGLGKTIQAI AFLA YLYQEGNNGPHLIVVPASTIDNWLREVNLWCPTLVLCVYYSQEERKQIRFNIH SRYEDYNVIVTTYNCAISSSDDRSLFRRLKLNIAIFDEGHMLKNMGSIQYQHLM TINANNRLLLTGTPVQNNLLELMSLLNFVMPHMFSSSTSEIRRMFSSKTKSADE QSIYEKERIAHAKQIIKPFILRRVKEEVLKQLPPKCDRIELCAMSEKQEQLYLGLF NRLKKSINNVLVTEKNTEMCNVMMQLRKMANTHPLLHRQYYTAEKLEKMSQLML KEPTHCEANPDLIFEDMEVMTDFELHVLCKQYRHINNFQLDMDLILDSGKFRVL GCILSELKQKGDVVLFVFSQFTMMLDILEVLLKHHQHRYLRDLDGKTQISERIHLD EFNTDMDIFVLLSTKAGGLGINLTSANVVILHDIDCNPYNDKQAEDRCHRVGQ TKEALVIKLISQGTIEESMLKINQQKLEQDMTTVDEGDEGSMPADIATLLKTS MGL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

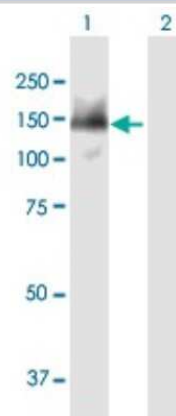
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP)



Recommended Dilutions	Western Blot 1:500, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP)
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control. It has also been used for immunofluorescence.

Images

Western Blot: SMARCAD1 Antibody [H00056916-B01P] - Analysis of SMARCAD1 expression in transfected 293T cell line by SMARCAD1 polyclonal antibody. Lane 1: SMARCAD1 transfected lysate(113.08 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: SMARCAD1 Antibody [H00056916-B01P] - Analysis of purified antibody to SMARCAD1 on HeLa cell. (antibody concentration 10 ug/ml)



Publications

Chakraborty S, Singh M, Pandita R et al. Heat-induced SIRT1-mediated H4K16ac deacetylation impairs resection and SMARCAD1 recruitment to double strand breaks *iScience* 2022-03-01 [PMID: 35434547]

Chakraborty S, Pandita RK, Hambarde S et al. SMARCAD1 Phosphorylation and Ubiquitination Are Required for Resection during DNA Double-Strand Break Repair. *iScience*. 2018-04-27 [PMID: 29888761]



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Products Related to H00056916-B01P

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

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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