

Product Datasheet

SMARCAD1 Antibody NB100-79835

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-79835**SMARCAD1 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

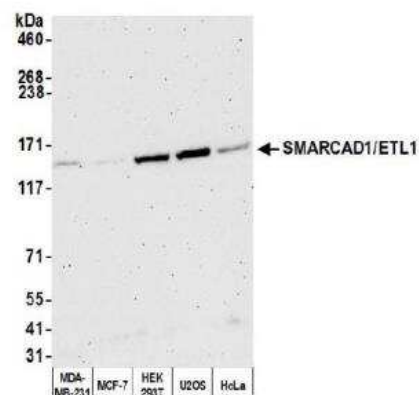
Product Description	
Host	Rabbit
Gene ID	56916
Gene Symbol	SMARCAD1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 976 and 1026 of human SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1 (enhancer trap locus 1) using the numbering given in entry NP_064544.1 (GeneID 56916).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/mg lysate

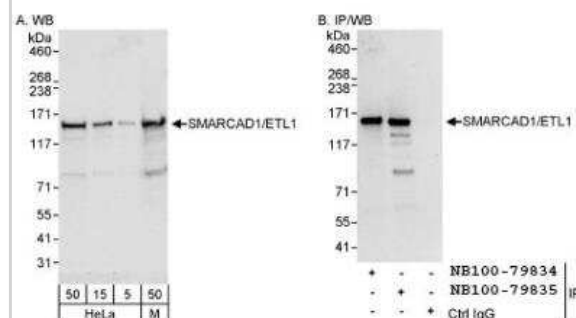


Images

Western Blot: SMARCAD1 Antibody [NB100-79835] - Whole cell lysate (50 ug) from MDA-MB-231, MCF-7, HEK293T, U2OS, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMARCAD1/ETL1 antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Western Blot: SMARCAD1 Antibody [NB100-79835] - Detection of Human and Mouse SMARCAD1/ETL1 on HeLa whole cell lysate using NB100-79835. SMARCAD1/ETL1 was also IPed by rabbit anti-SMARCAD1/ETL1 antibody NB100-79834.



Publications

Oh JM, Kang Y, Park J et al. MSH2-MSH3 promotes DNA end resection during homologous recombination and blocks polymerase theta-mediated end-joining through interaction with SMARCAD1 and EXO1 Nucleic Acids Research 2023-06-23 [PMID: 37140056]

Horikoshi N, Sharma D, Leonard F et al. Pre-existing H4K16ac levels in euchromatin drive DNA repair by homologous recombination in S-phase Commun Biol 2019-07-05 [PMID: 31286070] (Human)

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] (WB, Human)



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Products Related to NB100-79835

NBL1-16229	SMARCD1 Overexpression Lysate
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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