

Product Datasheet

SUCLA2 Antibody - BSA Free

NBP1-33015

Unit Size: 100 ul

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

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NBP1-33015

SUCLA2 Antibody - BSA Free

Product Information

Unit Size	100 ul
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	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
Target Molecular Weight	50 kDa

Product Description

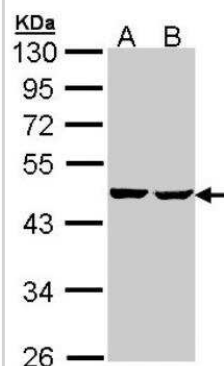
Description	Novus Biologicals Knockout (KO) Validated Rabbit SUCLA2 Antibody - BSA Free (NBP1-33015) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-SUCLA2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8803
Gene Symbol	SUCLA2
Species	Human, Mouse
Reactivity Notes	Rat (88%), Zebrafish (81%), Xenopus laevis (85%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human SUCLA2. The exact sequence is proprietary.

Product Application Details

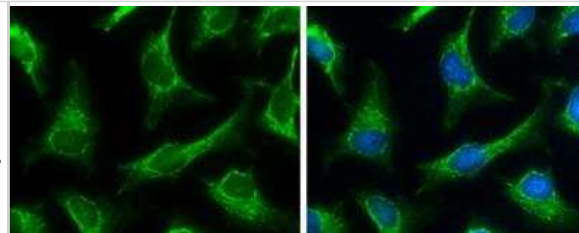
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Simple Western, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated
Application Notes	See Simple Western Antibody Database for Simple Western validation

Images

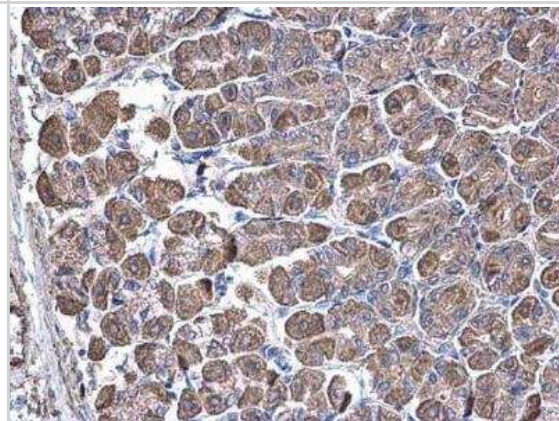
Western Blot: SUCLA2 Antibody [NBP1-33015] - Sample (30 ug of whole cell lysate) A: Hep G2 B: Molt-4 10% SDS PAGE diluted at 1:1000.



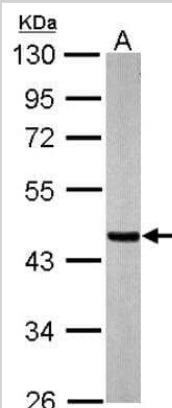
Immunocytochemistry/Immunofluorescence: SUCLA2 Antibody [NBP1-33015] - SUCLA2 antibody [N2C3] detects SUCLA2 protein at mitochondria by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: SUCLA2 protein stained by SUCLA2 antibody [N2C3] diluted at 1:500. Blue: Hoechst 33342 staining.



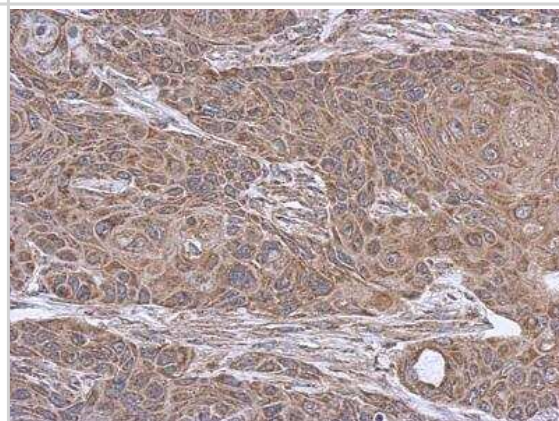
Immunohistochemistry-Paraffin: SUCLA2 Antibody [NBP1-33015] - Mouse stomach. SUCLA2 antibody [N2C3] diluted at 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



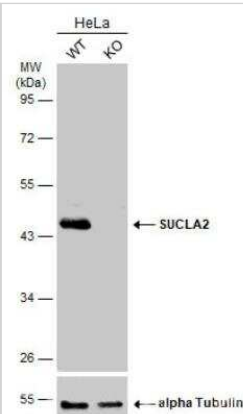
Western Blot: SUCLA2 Antibody [NBP1-33015] - Sample (20 ug of whole cell lysate) A: mouse brain 10% SDS PAGE diluted at 1:20000.



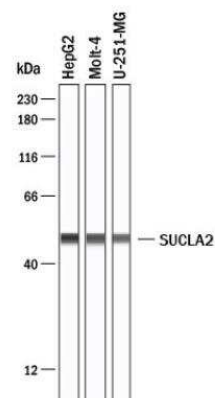
Immunohistochemistry-Paraffin: SUCLA2 Antibody [NBP1-33015] - Cal27 xenograft, using SUCLA2 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: SUCLA2 Antibody [NBP1-33015] - Wild-type (WT) and SUCLA2 knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SUCLA2 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Simple Western: SUCLA2 Antibody [NBP1-33015] - Simple Western Lane view shows HepG2, Molt-4, U-251-MG whole cell lysate (WCL). A specific band was detected for SUCLA2 antibody (NBP1-33015) at approximately 50 kDa (as indicated) using 10 ug/mL of SUCLA2 antibody. This experiment was conducted under reducing conditions.



Publications

Weiwei Yan, Chengmei Xie, Sijun Sun, Quan Zheng, Jingyi Wang, Zihao Wang, Cheuk-Him Man, Haiyan Wang, Yunfan Yang, Tianshi Wang, Leilei Shi, Shengjie Zhang, Chen Huang, Shuangnian Xu, Yi-Ping Wang SUCLG1 restricts POLRMT succinylation to enhance mitochondrial biogenesis and leukemia progression The EMBO Journal 2024-04-22 [PMID: 38649537]



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Products Related to NBP1-33015

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008803-P01-10ug	Recombinant Human SUCLA2 GST (N-Term) Protein

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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