

Nur für Forschungszwecke

NSUN2 Polyklonaler Antikörper

Katalog-Nr.:20854-1-AP

Vorgestelltes Produkt

44 Publikationen



Allgemeine Informationen

Katalog-Nr.: 20854-1-AP	GenBank-Zugangsnummer: BC001041	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 54888	Empfohlene Verdünnungen: WB 1:5000-1:50000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
Wirt: Kaninchen	Vollständiger Name: NOL1/NOP2/Sun domain family, member 2	IHC 1:50-1:500 IF 1:10-1:100
Isotyp: IgG	Berechnete Masse: 767 aa, 86 kDa	
Immunogen Katalognummer: AG14791	Beobachtete Masse: 90-100 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : HT-1080.Zellen, HeLa-Zellen, HepG2-Zellen, MCF-7-Zellen

IP : HeLa-Zellen,

IHC : humanes Mammakarzinomgewebe, humanes Hodengewebe, humanes Leberkarzinomgewebe

IF : HeLa-Zellen, HepG2-Zellen

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

NSUN2, also known as SAKI or Misu (Myc-induced SUN-domain-containing protein), is a methyltransferase which catalyses (cytosine-5-)-methylation of tRNA. NSUN2 is direct target gene of c-Myc and may act downstream of Myc to regulate epidermal cell growth and proliferation. NSUN2 is overexpressed in various cancer tissues and may be a valuable target for cancer therapy and a cancer diagnostic marker. Recently a splicing mutation in NSUN2 has been identified as the cause of a Dubowitz-like syndrome, an autosomal recessive disorder.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Takahito Ohshiro	34588546	Sci Rep	IP
Wei Dai	34556860	Nat Chem Biol	WB
Yuan Gao	31487418	Cancer Sci	WB,IHC

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

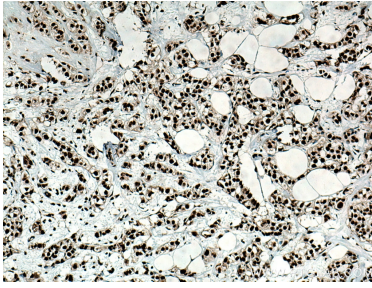
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

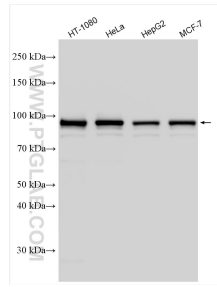
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

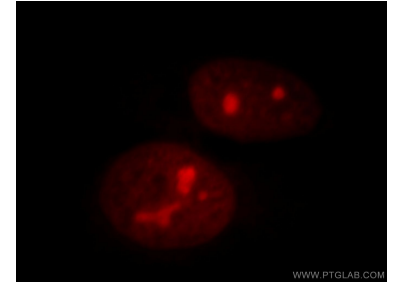
Ausgewählte Validierungsdaten



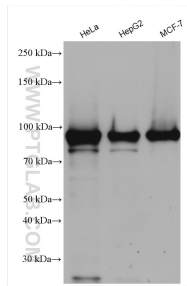
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20854-1-AP (NSUN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



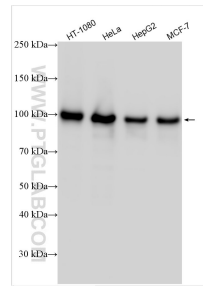
Various lysates were subjected to SDS PAGE followed by western blot with 20854-1-AP (NSUN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



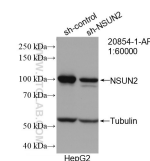
Immunofluorescent analysis of HeLa cells, using NSUN2 antibody 20854-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



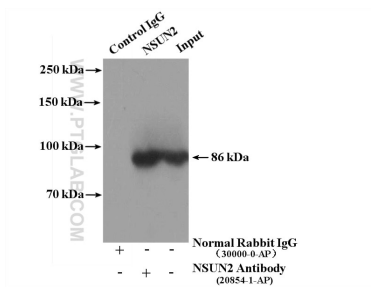
Various lysates were subjected to SDS PAGE followed by western blot with 20854-1-AP (NSUN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 20854-1-AP (NSUN2 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



WB result of NSUN2 antibody (20854-1-AP; 1:60000; room temperature for 1.5 hours) with sh-Control and sh-NSUN2 transfected HepG2 cells.



IP Result of anti-NSUN2 (IP:20854-1-AP, 4ug; Detection:20854-1-AP 1:1000) with HeLa cells lysate 4000ug.