À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NSUN2

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:20854-1-AP Phare 46 Publications

Informations de base

Numéro de catalogue:
20854-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG14791

Numéro d'acquisition GenBank:
BC001041

Identification du gène (NCBI):
54888

Nom complet:
NOL1/NOP2/Sun domain family, member 2

MW calculé
767 aa, 86 kDa

MW observés:
90-100 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:5000-1:50000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, IP, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HT-1080, cellules HeLa, cellules HepG2, cellules MCF-7

IP : cellules HeLa,

IHC : tissu de cancer du sein humain, tissu de cancer du foie humain, tissu testiculaire humain

IF : cellules HeLa, cellules HepG2

Informations générales

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.

Publications notables

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

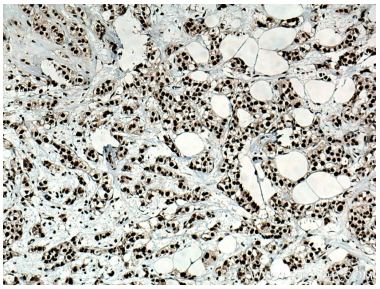
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

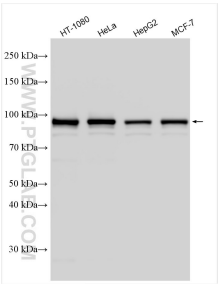
*** Les 20ul contiennent 0,1% de BSA.

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

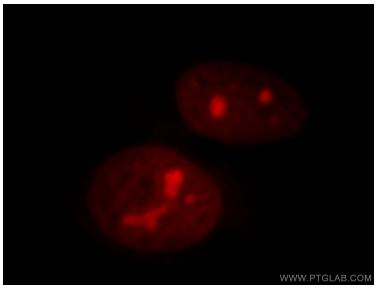
Données de validation sélectionnées



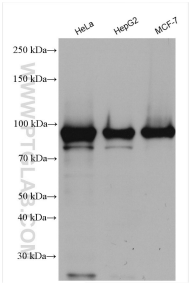
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20854-1-AP (NSUN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



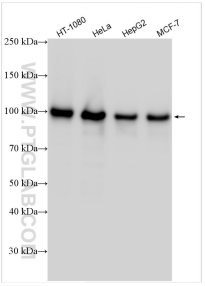
Various lysates were subjected to SDS PAGE followed by western blot with 20854-1-AP (NSUN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



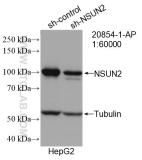
Immunofluorescent analysis of Hela cells, using NSUN2 antibody 20854-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



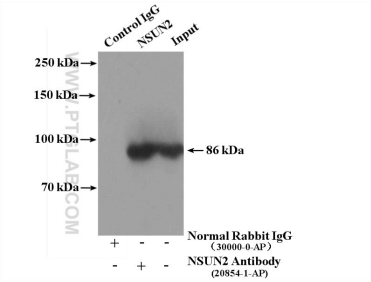
Various lysates were subjected to SDS PAGE followed by western blot with 20854-1-AP (NSUN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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.