Datasheet for ABIN6144879

anti-NSUN6 antibody (AA 220-469)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	NSUN6
Binding Specificity:	AA 220-469
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSUN6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 220-469 of human NSUN6 (NP_872349.1).
Sequence:	NLPSALVSHV LNPQPGEKIL DLCAAPGGKT THIAALMHDQ GEVIALDKIF NKVEKIKQNA LLLGLNSIRA FCFDGTKAVK LDMVEDTEGE PPFLPESFDR ILLDAPCSGM GQRPNMACTW SVKEVASYQP LQRKLFTAAV QLLKPEGVLV YSTCTITLAE NEEQVAWALT KFPCLQLQPQ EPQIGGEGMR GAGLSCEQLK QLQRFDPSAV PLPDTDMDSL REARREDMLR LANKDSIGFF IAKFVKCKST
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NSUN6
Alternative Name:	NSUN6 (NSUN6 Products)
Background:	S-adenosyl-L-methionine-dependent methyltransferase that specifically methylates the C5 position of cytosine 72 in tRNA(Thr(TGT and tRNA(Cys(GCA. In vitro also methylates tRNA(Thr(AGT. Methylation requires, in the acceptor stem region, the presence of the 3'-CCA terminus, the target site C72, the discriminator base U73, and the second and third base pairs (2:71 and 3:70 in the tRNA substrates.,NSUN6,4933414E04Rik,ARL5B-AS1,NOPD1,Epigenetics & Nuclear Signaling,NSUN6
Molecular Weight:	51 kDa
Gene ID:	221078
UniProt:	Q8TEA1

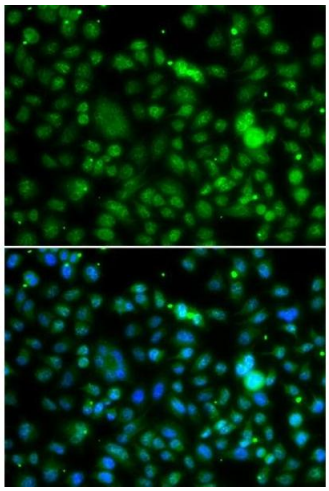
Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

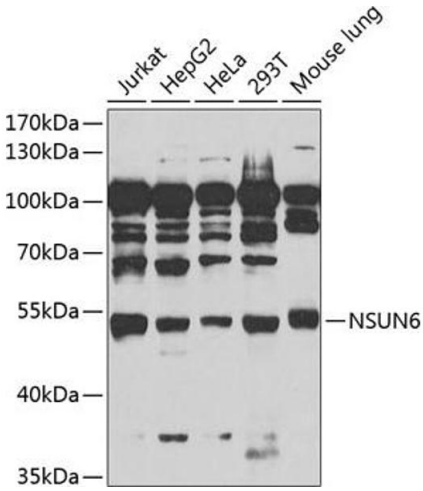
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Copyright antibodies-online. All rights reserved.



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF-7 cells using NSUN6 antibody (ABIN6132426, ABIN6144879, ABIN6144881 and ABIN6217457). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NSUN6 antibody (ABIN6132426, ABIN6144879, ABIN6144881 and ABIN6217457) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 90s.

Copyright antibodies-online. All rights reserved.