

ARG45494 anti-NSUN6 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NSUN6
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Specificity	NSUN6
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NSUN6
Species	Human
Immunogen	Recombinant protein containing to human NSUN6.
Conjugation	Un-conjugated
Alternate Names	NSUN6; NOP2/Sun RNA Methyltransferase 6; NOPD1; NOL1/NOP2/Sun And PUA Domain-Containing Protein 1; TRNA (Cytosine(72)-C(5))-Methyltransferase NSUN6; NOL1/NOP2/Sun Domain Family, Member 6; NOP2/Sun Domain Family, Member 6; ARL5B Antisense RNA 1; ARL5B-AS1; FLJ23743; Nucleolar Protein (NOL1/NOP2/Sun) And PUA Domains 1; NOP2/Sun RNA Methyltransferase Family Member 6; NOL1/NOP2/Sun Domain Family Member 6; Putative Methyltransferase NSUN6; 4933414E04Rik; EC 2.1.1.52 47; EC 2.1.1.-; EC 2.1.1 47; MRT82

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	52 kDa	

Properties

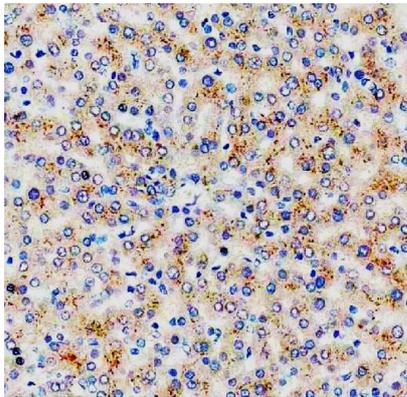
Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

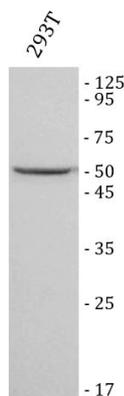
Gene Symbol	NSUN6
Gene Full Name	NOP2/Sun RNA Methyltransferase 6
Background	Enables tRNA (cytidine-5-)-methyltransferase activity and tRNA binding activity. Involved in tRNA C5-cytosine methylation. Located in cytoplasm. Implicated in autosomal recessive intellectual developmental disorder 82. [provided by Alliance of Genome Resources, Feb 2025]
Function	S-adenosyl-L-methionine-dependent methyltransferase that specifically methylates the C5 position of cytosine 72 in tRNA(Thr)(TGT) and tRNA(Cys)(GCA) [UniProt]
Calculated Mw	52 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



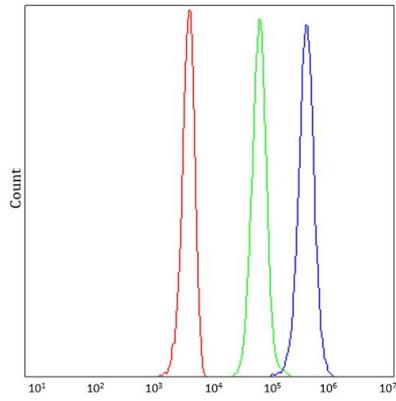
ARG45494 anti-NSUN6 antibody IHC-P image

Immunohistochemistry: Human liver cancer stained with ARG45494 anti-NSUN6 antibody at 2 µg/ml dilution.



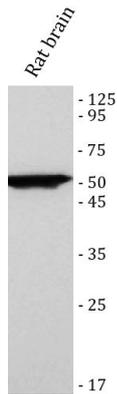
ARG45494 anti-NSUN6 antibody WB image

Western blot: 293T stained with ARG45494 anti-NSUN6 antibody at 0.5 µg/ml dilution.



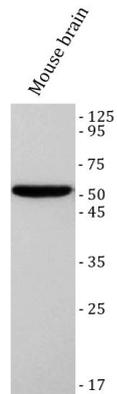
ARG45494 anti-NSUN6 antibody FACS image

Flow Cytometry: 293T stained with ARG45494 anti-NSUN6 antibody at 1 µg/10⁶ cells dilution.



ARG45494 anti-NSUN6 antibody WB image

Western blot: Rat brain stained with ARG45494 anti-NSUN6 antibody at 0.5 µg/ml dilution.



ARG45494 anti-NSUN6 antibody WB image

Western blot: Mouse brain stained with ARG45494 anti-NSUN6 antibody at 0.5 µg/ml dilution.