

Anti-NSUN5 antibody (127-429) (STJ11100922)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

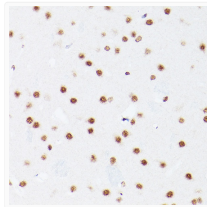
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 47kDa Observed Mw: 47kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

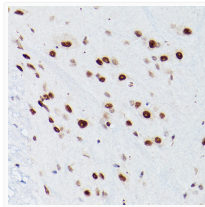
Gene ID	55695
Gene Symbol	NSUN5
UniProt ID	NSUN5_HUMAN
Immunogen Region	127-429
Immunogen Sequence	RPGPASQLPRFVRVNTLKTC SDDVVDYFKRQGFYQGRAS SLDDLRLKLGKHFLLDPLMP ELLVFPQATDLHEHPLYRAG HLILQDRASCLPAMLLDPPP GSHVIDACAAPGNKTSHLAA LLKNQGGKIFAFDLDAKRLAS MATLLARAGVSCCELAEEEDF LAVSPSDPRYHEVHYILLDP SCSGSGMPSRQLEEPGAGTP SPVRLHALAGFQQRALCHAL TFPSLQRLVYSTCSLCQEE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 127-429 of human NSUN5 (NP_060514.1).

ADDITIONAL INFORMATION

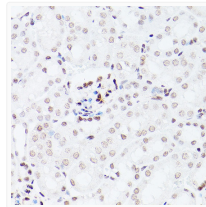
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



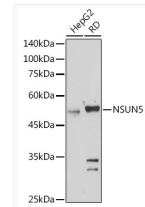
Immunohistochemistry analysis of paraffin-embedded Rat brain using NSUN5 antibody (STJ11100922) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



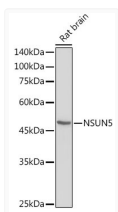
Immunohistochemistry analysis of paraffin-embedded Mouse spinal cord using NSUN5 antibody (STJ11100922) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using NSUN5 antibody (STJ11100922) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using NSUN5 antibody (STJ11100922) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of extracts of Rat brain, using NSUN5 antibody (STJ11100922) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.