

NSUN7 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10307b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8NE18
Other Accession	NP_078953.3
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27827
Calculated MW	81039
Antigen Region	613-642

Additional Information

Gene ID	79730
Other Names	Putative methyltransferase NSUN7, 211-, NOL1/NOP2/Sun domain family member 7, NSUN7
Target/Specificity	This NSUN7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 613-642 amino acids from the C-terminal region of human NSUN7.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NSUN7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NSUN7
Function	Plays an essential for sperm flagellum assembly.

Cellular Location

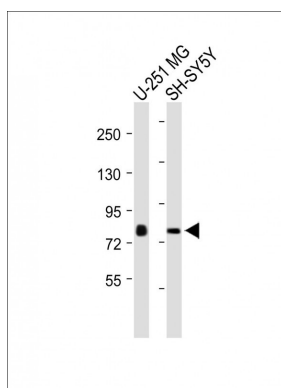
Cytoplasm {ECO:0000250|UniProtKB:Q14AW5}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q14AW5}

References

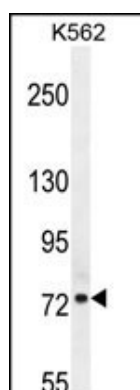
Harris, T., et al. Biol. Reprod. 77(2):376-382(2007)

Lamesch, P., et al. Genomics 89(3):307-315(2007)

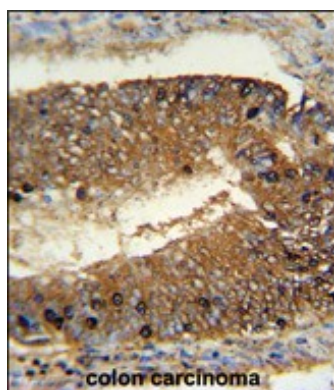
Images



All lanes : Anti-NSUN7 Antibody (C-term) at 1:1000 dilution Lane 1: U-251 MG whole cell lysate Lane 2: SH-SY5Y whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 78kDa Blocking/Dilution buffer: 5% NFDM/TBST.



NSUN7 Antibody (C-term) (Cat. #AP10307b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the NSUN7 antibody detected the NSUN7 protein (arrow).



NSUN7 antibody (C-term) (Cat. #AP10307b) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NSUN7 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.