

Anti-NSUN2/SAKI Rabbit pAb



WLA0836

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-NSUN2/SAKI Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC, IF	1:100-1:500
Cellular localization	Cytoplasm, Cytoskeleton, Mitochondrion, Nucleus, Secreted.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background NSUN2, Also known as SAKI or Misu (Myc induced SUN domain containing protein), it is an RNA cytosine C (5) - methyltransferase that methylates cytosine to 5-methylcytosine (m5C) in various RNAs, such as tRNA, mRNAs, and some long non coding RNAs (lncRNAs). NSUN2 is involved in various processes during early development, such as epidermal stem cell differentiation, testicular differentiation, and the transition from mother to zygote. It may act downstream of Myc, regulating the growth and proliferation of epidermal cells.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of NSUN2/SAKI.

Purification Polyclonal antibody was purified by Protein A affinity chromatography.

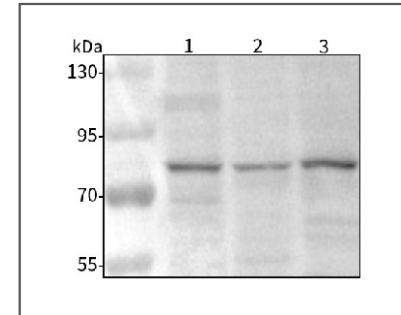
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Product Images



Western blot-Anti-NSUN2/SAKI pAb

Lane 1: Human HEK293 cell lysate

Lane 2: Human HCT116 cell lysate

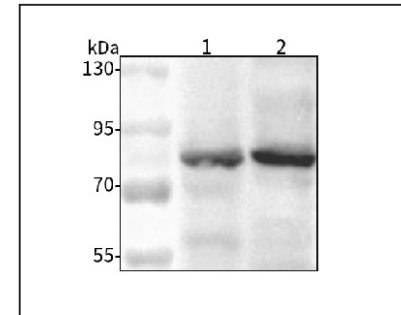
Lane 3: Human TPC-1 cell lysate

All lanes: Anti-NSUN2/SAKI at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 86 kDa

Observed band size: 86 kDa



Western blot-Anti-NSUN2/SAKI pAb

Lane 1: Mouse lung tissue lysate

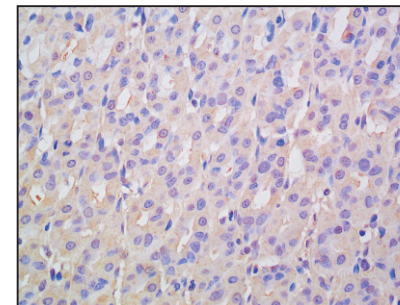
Lane 2: Rat RSC96 cell lysate

All lanes: Anti-NSUN2/SAKI at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 86 kDa

Observed band size: 86 kDa



Immunohistochemistry-Anti-NSUN2/SAKI pAb

Immunohistochemical analysis of paraffin-embedded rat stomach using anti-NSUN2/SAKI Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

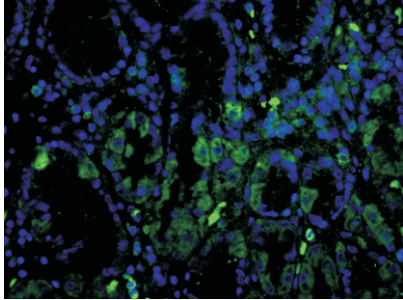


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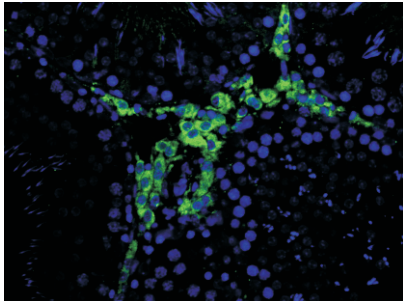
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Product Information



Immunofluorescence-Anti-NSUN2/SAKI pAb

Immunofluorescence analysis of paraffin-embedded human stomach cancer using anti-NSUN2/SAKI Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-NSUN2/SAKI pAb

Immunofluorescence analysis of paraffin-embedded rat testis using anti-NSUN2/SAKI Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0