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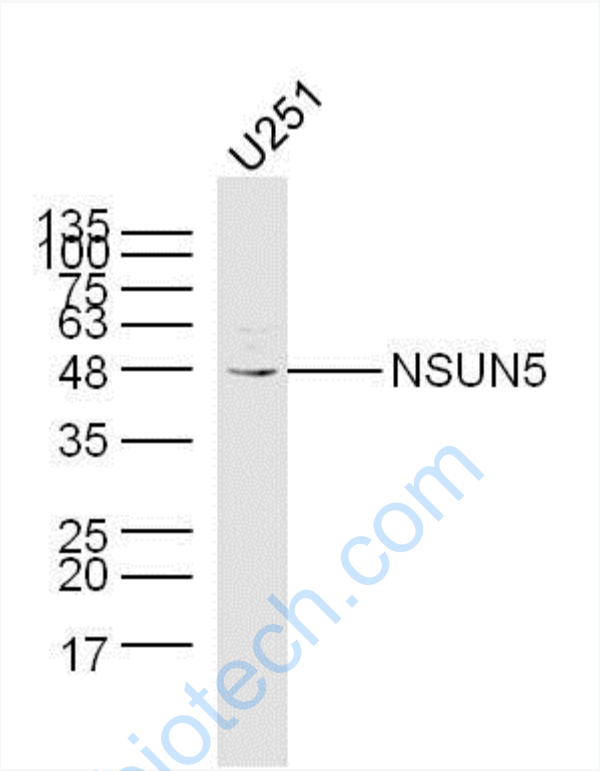
Rabbit Anti-NSUN5 antibody

SL19480R

Product Name:	NSUN5
Chinese Name:	甲基转移酶NSUN5抗体
Alias:	FLJ10267; MGC986; NOL1; NOL1-related protein; NOL1/NOP2/Sun domain family member 5; NOL1R; NOP2/Sun domain family, member 5; NOP2/Sun domain family, member 5A; NSUN5; NSUN5_HUMAN; p120; Putative methyltransferase NSUN5; WBSCR20; WBSCR20A; Williams Beuren syndrome chromosome region 20A; Williams-Beuren syndrome chromosomal region 20A protein; Williams-Beuren syndrome critical region protein 20 copy A.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NSUN5:2-100/429
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a member of an evolutionarily conserved family of proteins that may function as methyltransferases. This gene is located in a larger region of chromosome 7

	that is deleted in Williams-Beuren syndrome, a multisystem developmental disorder. There are two pseudogenes for this gene located in the same region of chromosome 7. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013] **Function:** May have S-adenosyl-L-methionine-dependent methyl-transferase activity. **Tissue Specificity:** Ubiquitous. Detected in placenta, heart and skeletal muscle. **Post-translational modifications:** Isoform 2 is phosphorylated upon DNA damage, probably by ATM or ATR. **DISEASE:** Note=NSUN5 is located in the Williams-Beuren syndrome (WBS) critical region. WBS results from a hemizygous deletion of several genes on chromosome 7q11.23, thought to arise as a consequence of unequal crossing over between highly homologous low-copy repeat sequences flanking the deleted region. **Similarity:** Belongs to the methyltransferase superfamily. RsmB/NOP family. **SWISS:** Q96P11 **Gene ID:** 55695 **Database links:** Entrez Gene: 55695 Human SwissProt: Q96P11 Human Unigene: 647060 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Protein: U251(human)cell lyates at 40ug; Primary: Rabbit Anti-NSUN5 (SL19480R) at 1:300; Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1: 10000; Predicted band size:47 kD Observed band size:47 kD