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Datasheet for ABIN7268955
anti-NSUN5 antibody (AA 277-466)

5 Images

Overview

Quantity:	100 µL
Target:	NSUN5
Binding Specificity:	AA 277-466
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSUN5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	NSUN5 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 277-466 of human NSUN5 (NP_683759.1).
Sequence:	SCCELAEEEDF LAVSPSDPRY HEVHYILLDP SCSGSGMPSR QLEEPGAGTP SPVRLHALAG FQQRALCHAL TFPSLQRLVY STCSLCQEEN EDVVRDALQQ NPGAFRLAPA LPAWPHRGLS TFPGAEHCLR ASPETTLSSG FFVAVIERVE VPSSASQAKA SAPERTPSPA PKRKKRQQRA AAGACTPPCT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: NSUN5

Alternative Name: NSUN5 ([NSUN5 Products](#))

Background: 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.,NSUN5,NOL1,NOL1R,NSUN5A,WBSCR20,WBSCR20A,p120,p120(NOL1),Epigenetics & Nuclear Signaling,RNA Binding,Signal Transduction,Endocrine & Metabolism,NSUN5

Molecular Weight: 36kDa/42kDa/46kDa/50kDa/51kDa

Gene ID: 55695

UniProt: [Q96P11](#)

Application Details

Application Notes: WB,1:200 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

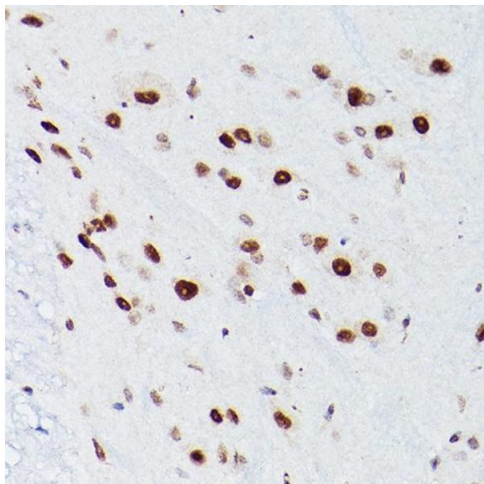
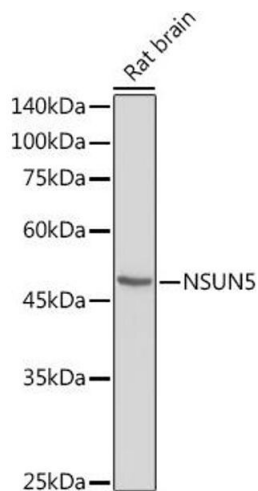
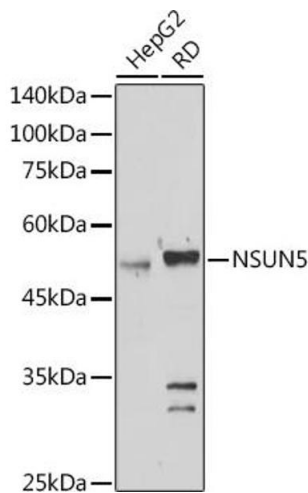
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using NSUN5 antibody (ABIN7268955) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Western Blotting

Image 2. Western blot analysis of extracts of Rat brain, using NSUN5 antibody (ABIN7268955) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded Mouse spinal cord using NSUN5 antibody (ABIN7268955) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7268955.