

Product Datasheet

NSUN2 Antibody NBP1-86878

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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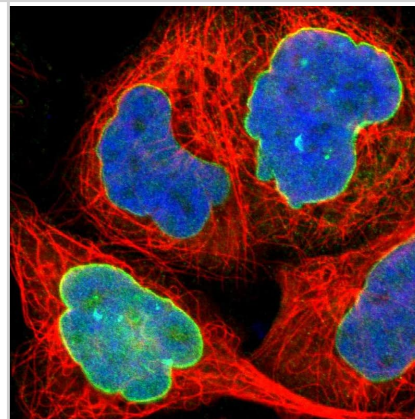
NBP1-86878**NSUN2 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	54888
Gene Symbol	NSUN2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%). Reactivity reported in scientific literature (PMID: 21610090)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LKSEWQSMTQESFQESSVKELRRLEDQLAGLQQELAALALKQSSVAEEV GLLPQQIQAVRDDVESQFPAWISQFLARGGGGRVGLLQREEMQAQLRELESKI LTHVAEMQGKSAREAAASLSLTLQKEGVIGVTEEQVHHIVKQALQRYSE
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.



Images

Staining of human cell line A-431 shows positivity in nuclear membrane.



Publications

Lv XB, Liu L, Cheng C et al. SUN2 exerts tumor suppressor functions by suppressing the Warburg effect in lung cancer. *Sci Rep* 2015-12-10 [PMID: 26658802] (WB, IF/IHC, Human)

Chaumet A, Wright GD, Seet SH et al. Nuclear envelope-associated endosomes deliver surface proteins to the nucleus. *Nat Commun* 2015-09-10 [PMID: 26356418] (ICC/IF, Human)

Alsarraj J, Faraji F, Geiger TR et al. BRD4 Short Isoform Interacts with RRP1B, SIPA1 and Components of the LINC Complex at the Inner Face of the Nuclear Membrane. *PLoS One* 2013-01-01 [PMID: 24260471]

Horn HF, Kim DI, Wright GD et al. A mammalian KASH domain protein coupling meiotic chromosomes to the cytoskeleton. *J Cell Biol* 2013-09-30 [PMID: 24062341]

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]

Gudise S, Figueroa RA, Lindberg R et al. Samp1 is functionally associated with the LINC complex and A-type lamina networks. *J Cell Sci* 2011-06-15 [PMID: 21610090] (ICC/IF)



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Products Related to NBP1-86878

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-82189PEP	NSUN2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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