

Mouse NOP1 Monoclonal Antibody | anti-NOP1 antibody

NOP1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA106577	Mouse	Specific for the ~34k fibrillarin protein in Western blots of human, rat, plant, Drosophila, C. elegans, and S. pombe. Expected to work on other mammal tissues.	Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NOP1; Monoclonal Antibody; NOP1 antibody; Monoclonal NOP1; Anti-NOP1; NOP 1; NOP-1; Nucleolar protein 1; anti-NOP1 antibody

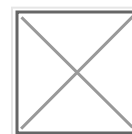
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Specific for the ~34k fibrillarin protein in Western blots of human, rat, plant, Drosophila, C. elegans, and S. pombe. Expected to work on other mammal tissues.
Clonality	Monoclonal
Isotype	IgG1
Clone Number	38F3
Form/Format	Supplied in liquid form in 10 mM NaN ₃
Sequence Length	154
Applicable Applications for anti-NOP1 antibody	IF (Immunofluorescence), WB (Western Blot)
Biological Significance	Nop1 is a phylogenetically conserved protein essential for efficient processing of pre-rRNA through its association with a class of small nucleolar RNAs during ribosomal biogenesis. Small nucleolar RNAs (snoRNAs) are associated in ribonucleoprotein particles localized to the nucleolus (snoRNPs). Nop1 is structurally and functionally homologous to vertebrate fibrillarin and is essential for viability.
Preparation and Storage	Upon receipt store at -20°C.

IMAGES


WB (Western Blot)

Western blot of HeLa lysate showing specific immunolabeling of ~ 34k fibrillarin protein


IF (Immunofluorescence)

SH-SY5Y cells stained with Fibrillarin antibody, showing prominent specular nucleolar staining

ADDITIONAL INFORMATION

Related Product Information for anti-NOP1 antibody	Mouse monoclonal NOP1 antibody
Product Categories/Family for anti-NOP1 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	1903277
UniProt Accession #	P15646; P89890; D6VRX5
NCBI Official Full Name	NOP1, partial
UniProt Protein Name	rRNA 2'-O-methyltransferase fibrillarin
UniProt Gene Name	NOP1
UniProt Synonym Gene Names	LOT3; Nucleolar protein 1; U3 snoRNA-associated protein NOP1
UniProt Entry Name	FBRL_YEAST

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nop1-antibody-clone-38f3-immunofluorescence-western-blot-elisa/106577>