

Anti-NOP10 Rabbit Monoclonal Antibody
Catalog # ABO16182**Specification**

Anti-NOP10 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	Q9NPE3
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-NOP10 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Anti-NOP10 Rabbit Monoclonal Antibody - Additional Information

Gene ID 55505

Other Names

H/ACA ribonucleoprotein complex subunit 3, Nucleolar protein 10, Nucleolar protein family A member 3, snoRNP protein NOP10, NOP10, NOLA3

Calculated MW

10 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human NOP10

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-NOP10 Rabbit Monoclonal Antibody - Protein Information

Name NOP10

Synonyms NOLA3**Function**

Required for ribosome biogenesis and telomere maintenance. Part of the H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA (PubMed: [32554502](http://www.uniprot.org/citations/32554502)). This involves the isomerization of uridine such that the ribose is subsequently attached to C5, instead of the normal N1. Each rRNA can contain up to 100 pseudouridine ('psi') residues, which may serve to stabilize the conformation of rRNAs. May also be required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme.

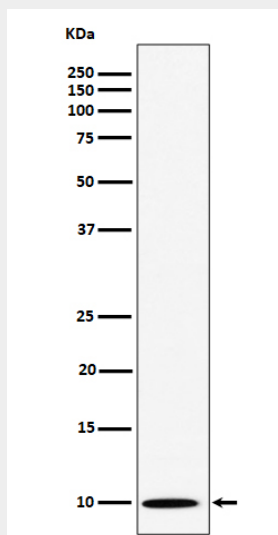
Cellular Location

Nucleus, nucleolus. Nucleus, Cajal body. Note=Also localized to Cajal bodies (coiled bodies)

Anti-NOP10 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-NOP10 Rabbit Monoclonal Antibody - Images

Western blot analysis of NOP10 expression in Jurkat cell lysate.