

Rabbit anti-Human NOL10 Polyclonal Antibody | anti-NOL10 antibody

Anti-NOL10 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126626	Rabbit	Human	Western Blot, Immunocytochemistry, Immunofluorescence, ELISA

PRODUCT SYNONYMS

NOL10; Polyclonal Antibody; Anti-NOL10 Antibody Picoband; anti-NOL10 antibody

PRODUCT SPECIFICATIONS

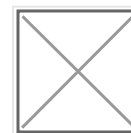
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-NOL10 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), ELISA
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human NOL10 recombinant protein (Position: Y73-D497).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



IF (Immunofluorescence)

Figure 2. IF analysis of Tubulin beta using anti-Tubulin beta antibody (M05613-4) and anti-NOL10 antibody (AAA126626). Tubulin beta was detected in immunocytochemical section of CACO-2 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 2ug/mL mouse anti-Tubulin beta Antibody (M05613-4) and rabbit anti-NOL10 antibody (AAA126626) overnight at 4 degree C. DyLight594 Conjugated Goat Anti-Mouse IgG (BA1141) and DyLight488 Conjugated Goat Anti-Rabbit IgG were used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of NOL10 using anti-NOL10 antibody (AAA126626). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human K562 whole cell lysates, Lane 3: human 293T whole cell lysates, Lane 4: human U937 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-NOL10 antigen affinity purified polyclonal antibody (#AAA126626) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for NOL10 at approximately 80 kDa. The expected band size for NOL10 is at 80 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-NOL10 antibody	By immunoprecipitation of human AATF we discovered that AATF forms a salt-stable protein complex together with neuroguidin (NGDN) and NOL10, and demonstrate that the AATF-NGDN-NOL10 (ANN) complex functions in ribosome biogenesis. All three ANN complex members localize to nucleoli and display a mutual dependence with respect to protein stability. Mapping of protein-protein interaction domains revealed the importance of both the evolutionary conserved WD40 repeats in NOL10 and the UTP3/SAS10 domain in NGDN for complex formation.
Product Categories/Family for anti-NOL10 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	386869302
NCBI GeneID	79954
NCBI Accession #	NP_001248321.1
NCBI GenBank Nucleotide #	NM_001261392.1
UniProt Accession #	Q9BSC4; Q53RC9; Q96TA5; Q9H7Y7; Q9H855; A8K3R5; B4DLV0
Molecular Weight	80,302 Da
NCBI Official Full Name	nucleolar protein 10 isoform 2
NCBI Official Synonym Full Names	nucleolar protein 10
NCBI Official Symbol	NOL10
NCBI Official Synonym Symbols	PQBP5
NCBI Protein Information	nucleolar protein 10; H_NH0074G24.1; polyglutamine binding protein 5
UniProt Protein Name	Nucleolar protein 10
UniProt Gene Name	NOL10
UniProt Entry Name	NOL10_HUMAN

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/polyclonal/nol10-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/126626>