

Rabbit anti-Human, Mouse NOL8 Polyclonal Antibody | anti-NOL8 antibody

NOL8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327601	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

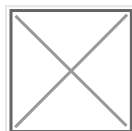
PRODUCT SYNONYMS

NOL8; Polyclonal Antibody; NOL8 Antibody; C9orf34; NOL8_HUMAN; NOP132; Nucleolar protein 8; Nucleolar protein Nop132; anti-NOL8 antibody

PRODUCT SPECIFICATIONS

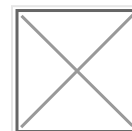
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NOL8 antibody detects endogenous levels of total NOL8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1099
Applicable Applications for anti-NOL8 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NOL8
Subcellular Location	Nucleus > Nucleolus.
Tissue Specificity	Expressed in various diffuse-type gastric cancers. Detected at lower levels in skeletal muscle.
Predicted Cross Reactivity	Pig, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (82%), Sheep (82%), Dog (82%), Chicken (91%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemisry)

AAA327601 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis NOL8 using HepG2 whole cell lysates



IF (Immunofluorescence)

AAA327601 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NOL8 antibody	Function: Plays an essential role in the survival of diffuse-type gastric cancer cells. Acts as a nucleolar anchoring protein for DDX47. May be involved in regulation of gene expression at the post-transcriptional level or in ribosome biogenesis in cancer cells. Subunit Structure: Interacts with the GTP form of RAGA, RRAGC and RRAGD. Interacts with NIP7. Interacts with DDX18; the interaction is RNA-dependent. Interacts with DDX47; the interaction is RNA-dependent. Post-translational Modifications: Phosphorylated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	373938427
NCBI GeneID	55035
NCBI Accession #	NP_001243323.1
NCBI GenBank Nucleotide #	NM_001256394.1
UniProt Accession #	Q76FK4; Q5TCC7; Q5TCC8; Q5TCD3; Q5TCD5; Q5TCD6; Q5TCD7; Q76D35; Q7L3E2; Q9H586; Q9H795; Q9H7W7
Molecular Weight	Observed: 131 kDa Predicted: 132 kDa
NCBI Official Full Name	nucleolar protein 8 isoform b
NCBI Official Synonym Full Names	nucleolar protein 8
NCBI Official Symbol	NOL8
NCBI Official Synonym Symbols	NOP132; C9orf34; bA62C3.3; bA62C3.4
NCBI Protein Information	nucleolar protein 8
UniProt Protein Name	Nucleolar protein 8
UniProt Gene Name	NOL8

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.