



Rabbit Anti-NOL8 antibody

SL6554R

Product Name:	NOL8
Chinese Name:	核仁蛋白8抗体
Alias:	C9orf34; NOL8; NOL8_HUMAN; NOP132; Nucleolar protein 8; Nucleolar protein Nop132.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	132kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NOL8:801-900/1167
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Summary: NOL8 binds Ras-related GTP-binding proteins (see MIM 608267) and plays a role in cell growth Function: Plays an essential role in the survival of diffuse-type gastric cancer cells. May be involved in regulation of gene expression at the post-transcriptional level or in ribosome

biogenesis in cancer cells.

Subunit:

Interacts with the GTP form of RRAGA, RRAGC and RRAGD. Interacts with NIP7. Interacts with DDX18; the interaction is RNA-dependent. Interacts with DDX47; the interaction is RNA-dependent.

Subcellular Location:

Nucleus, nucleolus. Note=Localizes in the nucleolar-organizing region during ribosome biogenesis.

Tissue Specificity:

Expressed in various diffuse-type gastric cancers. Detected at lower levels in skeletal muscle.

Post-translational modifications:

Phosphorylated

Similarity:

Contains 1 RRM (RNA recognition motif) domain.

SWISS:

Q76FK4

Gene ID:

55035

Database links:

[Entrez Gene: 55035](#)Human

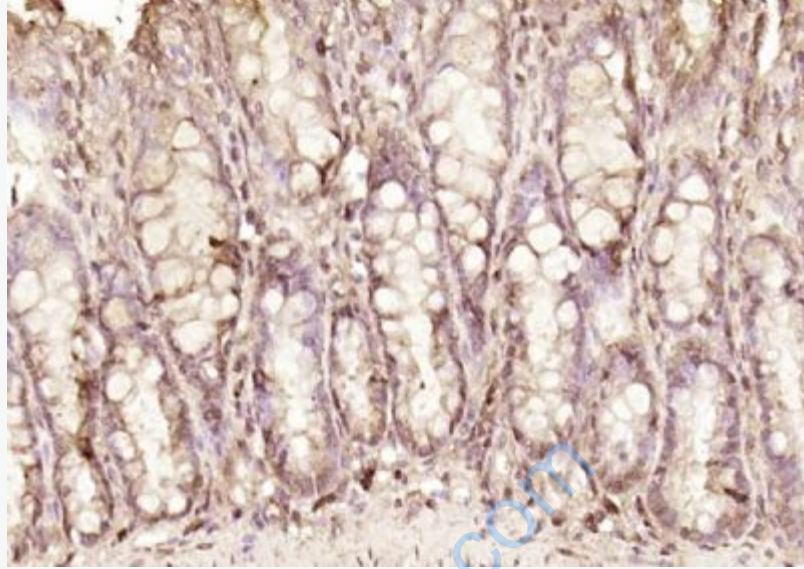
[Omin: 611534](#)Human

[SwissProt: Q76FK4](#)Human

[Unigene: 442199](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NOL8) Polyclonal Antibody, Unconjugated (SL6554R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.