

**NOL4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57471**

**Specification**

**NOL4 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">O94818</a>
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NOL4
Epitope Specificity	1-100/638
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus > nucleolus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

NOL4 is a 524 amino acid protein that is predominantly expressed in testis and brain. NOL4 contains at least two domains that direct it to subnuclear locations. The gene encoding NOL4 is located on human chromosome 18, which houses over 300 protein-coding genes and contains nearly 76 million bases. There are a variety of diseases associated with defects in chromosome 18-localized genes, some of which include Trisomy 18 (also known as Edwards syndrome), Niemann-Pick disease, hereditary hemorrhagic telangiectasia, erythropoietic protoporphyria and follicular lymphomas. There are two isoforms of NOL4 that are produced as a result of alternative splicing events.

**NOL4 Polyclonal Antibody - Additional Information**

**Gene ID** 8715

**Other Names**

Nucleolar protein 4, Nucleolar-localized protein, NOL4, NOLP

**Target/Specificity**

Expressed predominantly in fetal brain, adult brain and testis.

**Dilution**

IHC-P ~ ~ N/A  
IHC-F ~ ~ N/A

=<span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span><br \><span class = "dilution\_E">E~~N/A</span>

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

**NOL4 Polyclonal Antibody - Protein Information**

**Name** NOL4

**Synonyms** NOLP

**Cellular Location**

Nucleus, nucleolus

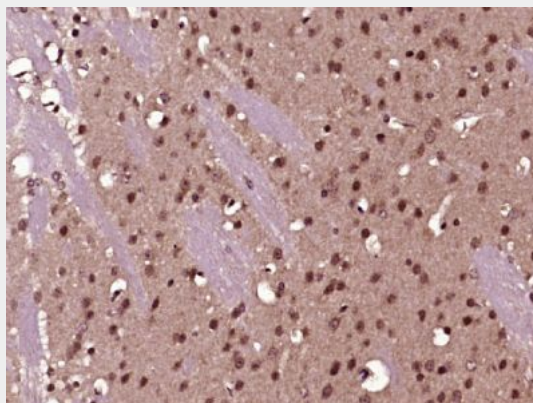
**Tissue Location**

Expressed predominantly in fetal brain, adult brain and testis.

**NOL4 Polyclonal 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](#)

**NOL4 Polyclonal Antibody - Images**

Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (NOL4) Polyclonal Antibody, Unconjugated (bs-19310R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

