

PUS3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10835a

Specification

PUS3 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9BZE2
Other Accession	NP_112597.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55647
Antigen Region	35-64

PUS3 Antibody (N-term) - Additional Information

Gene ID 83480

Other Names

tRNA pseudouridine(38/39) synthase, tRNA pseudouridine synthase 3, tRNA pseudouridylate synthase 3, tRNA-uridine isomerase 3, PUS3

Target/Specificity

This PUS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 35-64 amino acids from the N-terminal region of human PUS3.

Dilution

WB~~1:1000
IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PUS3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PUS3 Antibody (N-term) - Protein Information

Name PUS3

Function Formation of pseudouridine at position 39 in the anticodon stem and loop of transfer RNAs.

Cellular Location

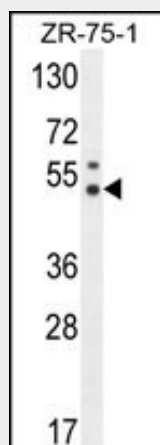
Nucleus.

PUS3 Antibody (N-term) - Protocols

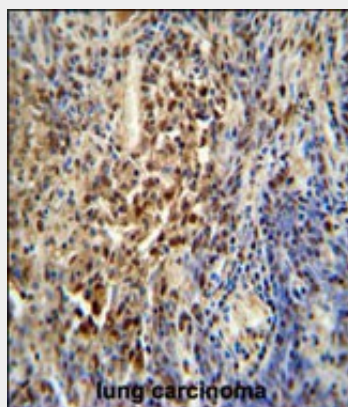
Provided below are standard protocols that you may find useful for product applications.

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

PUS3 Antibody (N-term) - Images



PUS3 Antibody (N-term) (Cat. #AP10835a) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the PUS3 antibody detected the PUS3 protein (arrow).



PUS3 antibody (N-term) (Cat. #AP10835a) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary

antibody and DAB staining. This data demonstrates the use of the PUS3 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PUS3 Antibody (N-term) - Background

Formation of pseudouridine at position 39 in the anticodon stem and loop of transfer RNAs (By similarity).

PUS3 Antibody (N-term) - References

Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)
Chen, J., et al. Biochemistry 39(41):12723-12730(2000)