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PUS3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10835a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9BZE2
Other Accession	NP_112597.3
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28501
Calculated MW	55647
Antigen Region	35-64

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~~1:100~500 E~~Use at an assay dependent concentration.
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.

Protein Information

Name	PUS3
Function	Formation of pseudouridine at position 39 in the anticodon stem and loop of transfer RNAs.

Cellular Location Nucleus.

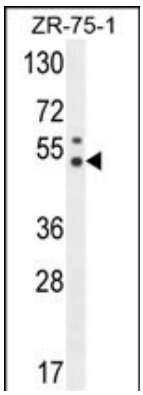
Background

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

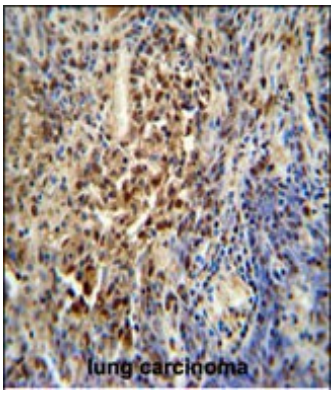
References

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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.