

PUS7L Rabbit pAb

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Catalog # AP57874

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H0K6
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80700
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PUS7L
Epitope Specificity	201-300/701
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DKFZP434G1415 also called PUS7L, belongs to the pseudouridine synthase truD family and contains 1 TRUD domain. The most abundant modification seen in structured RNAs (transfer, ribosomal, and splicing RNAs) is the isomerization of uridine (U) to pseudouridine (5-ribosyluracil). Pseudouridine is made by a set of enzymes called pseudouridine synthase, which select specific U residues in a polynucleotide chain for isomerization to pseudouridine.

Additional Information

Gene ID	83448
Other Names	Pseudouridylate synthase PUS7L, 5.4.99.-, Pseudouridylate synthase 7 homolog-like protein, PUS7L {ECO:0000303 PubMed:35051350, ECO:0000312 HGNC:HGNC:25276}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

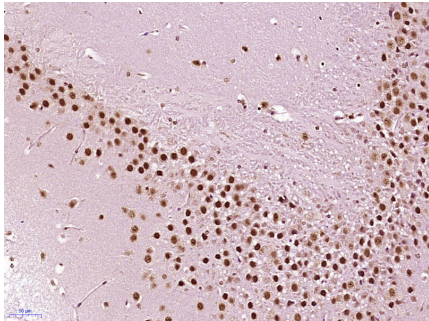
Protein Information

Name	PUS7L {ECO:0000303 PubMed:35051350, ECO:0000312 HGNC:HGNC:25276}
Function	Pseudouridine synthase that catalyzes pseudouridylation of mRNAs.

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (PUS7L) Polyclonal Antibody, Unconjugated (AP57874) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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