

Product datasheet for **AP53521PU-N**

PUS1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Clone Name:	RB32559
Applications:	IHC, WB
Recommended Dilution:	WB 1:1000 IHC-P 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 329-358 amino acids from the C-terminal region of Human PUS1
Specificity:	This PUS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 322-350 amino acids from the C-terminal region of human PUS1.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	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.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



Predicted Protein Size: 47470 kDa

Gene Name: pseudouridylate synthase 1

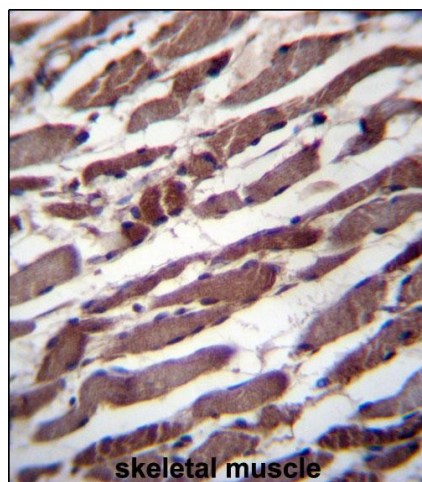
Database Link: [NP_001002019.1](#)
[Entrez Gene 80324 Human](#)
[Q9Y606](#)

Background: This gene encodes a pseudouridine synthase that converts uridine to pseudouridine once it has been incorporated into an RNA molecule. The encoded enzyme may play an essential role in tRNA function and in stabilizing the secondary and tertiary structure of many RNAs. A mutation in this gene has been linked to mitochondrial myopathy and sideroblastic anemia. Alternate splicing results in multiple transcript variants.

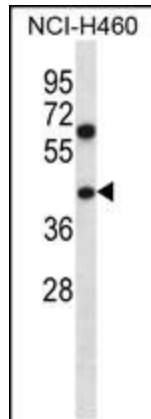
Synonyms: PP8985, Pseudouridylate synthase 1, tRNA-uridine isomerase I, MLASA1, MGC11268

Note: **Molecular Weight:** 47470 Da

Product images:



PUS1 Antibody (C-term) (Cat. #AP53521PU-N) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PUS1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



PUS1 Antibody (C-term) (Cat. #AP53521PU-N) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the PUS1 antibody detected the PUS1 protein (arrow).