

Datasheet for ABIN954388  
**anti-PUS1 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	PUS1
Binding Specificity:	AA 329-358, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PUS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 329-358 amino acids from the C-terminal region of Human PUS1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Humann PUS1 (C-term).
Purification:	Affinity Chromatography on Protein A

## Target Details

Target:	PUS1
Alternative Name:	PUS1 ( <a href="#">PUS1 Products</a> )

## Target Details

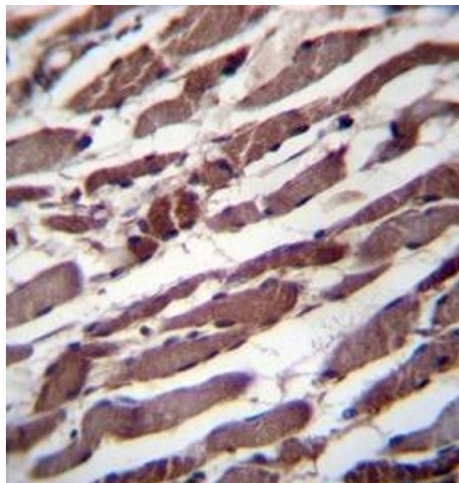
Background:	This gene encodes a pseudouridine synthase that converts uridine to pseudouridine once it has been incorporated into an RNA molecule. The encoded enzyme may play an essential role in tRNA function and in stabilizing the secondary and tertiary structure of many RNAs. A mutation in this gene has been linked to mitochondrial myopathy and sideroblastic anemia. Alternate splicing results in multiple transcript variantsSynonyms: MGC11268, MLASA1, PP8985, Pseudouridylate synthase 1, tRNA pseudouridine synthase A mitochondrial, tRNA pseudouridine(38-40) synthase, tRNA pseudouridylate synthase I, tRNA-uridine isomerase I
Molecular Weight:	47470 Da
Gene ID:	80324
NCBI Accession:	<a href="#">NP_001002019</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

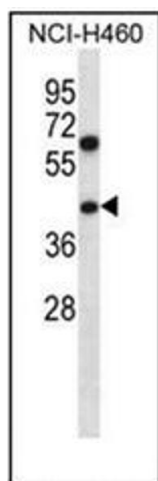
## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin fixed, paraffin embedded human skeletal muscle stained with PUS1 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining



#### Western Blotting

**Image 2.** Western blot analysis of PUS1 Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the PUS1 antibody detected the PUS1 protein (arrow).