

**Product Name: PUS1 Rabbit Monoclonal Antibody****Catalog #: AMRe02500**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, ICC/IF, IP
<b>Reactivity</b>	Human, Hamster, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.67mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 47 kDa; Observed MW: 44,47 kDa

**Antigen Information**

<b>Gene Name</b>	PUS1
<b>Alternative Names</b>	MLASA1
<b>Gene ID</b>	80324
<b>SwissProt ID</b>	Q9Y606
<b>Immunogen</b>	Recombinant protein of human PUS1

**Background**

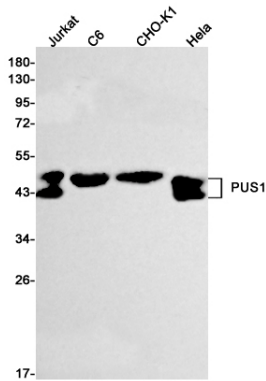
Converts specific uridines to PSI in a number of tRNA substrates. Acts on positions 27/28 in the anticodon stem and also positions 34 and 36 in the anticodon of an intron containing tRNA. Involved in regulation of nuclear receptor activity through

pseudouridylation of SRA1 RNA.

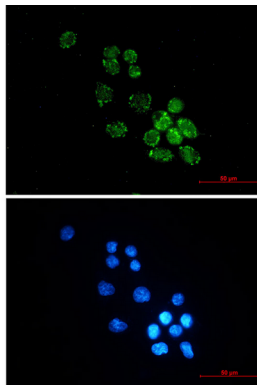
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of PUS1 in Jurkat, C6, CHO-K1, HeLa lysates using PUS1 antibody.



Immunocytochemistry analysis of PUS1 (green) in MCF-7 using PUS1 antibody, and DAPI (blue)