

PUS1 Rabbit mAb
Catalog # AP75979**Specification**

PUS1 Rabbit mAb - Product Information

Application	WB, IP, ICC
Primary Accession	Q9Y606
Reactivity	Human, Rat, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	47470

PUS1 Rabbit mAb - Additional Information**Gene ID** 80324**Other Names**
PUS1**Dilution**
WB~~1/500-1/1000
IP~~N/A
ICC~~N/A**Format**
Liquid**PUS1 Rabbit mAb - Protein Information****Name** PUS1 {ECO:0000303|PubMed:17056637, ECO:0000312|HGNC:HGNC:15508}**Function**

Pseudouridylate synthase that catalyzes pseudouridylation of tRNAs and mRNAs (PubMed:15772074, PubMed:24722331). Acts on positions 27/28 in the anticodon stem and also positions 34 and 36 in the anticodon of an intron containing tRNA (PubMed:24722331). Also catalyzes pseudouridylation of mRNAs: mediates pseudouridylation of mRNAs with the consensus sequence 5'-UGUAG-3' (PubMed:31477916, PubMed:35051350). Acts as a regulator of pre-mRNA splicing by mediating pseudouridylation of pre-mRNAs at locations associated with alternatively spliced regions (PubMed:35051350). Pseudouridylation of pre-mRNAs near splice sites directly regulates mRNA splicing and mRNA 3'-end processing (PubMed:35051350). Involved in regulation of nuclear receptor activity through pseudouridylation of SRA1 mRNA (PubMed:24722331).

target="_blank">24722331).

Cellular Location

[Isoform 1]: Mitochondrion

Tissue Location

Widely expressed (PubMed:15108122). High levels of expression found in brain and skeletal muscle (PubMed:15108122)

PUS1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PUS1 Rabbit mAb - Images



