

## PUS1 rabbit monoclonal antibody

Catalog # H00080324-K

Size 100 ug x up to 3

### Specification

Product Description	Rabbit monoclonal antibody raised against a human PUS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PUS1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PUS1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — PUS1

**Entrez GeneID** [80324](#)

**GeneBank Accession#** [PUS1](#)

**Gene Name** PUS1

**Gene Alias** MGC11268, MLASA

**Gene Description** pseudouridylate synthase 1

**Omim ID** [600462 608109](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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

**Other Designations** pseudouridine synthase 1