

# PABPC1 rabbit monoclonal antibody

Catalog # H00026986-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human PABPC1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human PABPC1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human PABPC1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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 — PABPC1

**Entrez GeneID** [26986](#)

**GeneBank Accession#** [PABPC1](#)

**Gene Name** PABPC1

**Gene Alias** PAB1, PABP, PABP1, PABPC2, PABPL1

**Gene Description** poly(A) binding protein, cytoplasmic 1

**Omim ID** [604679](#)

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

**Gene Summary** The poly(A)-binding protein (PABP), which is found complexed to the 3-prime poly(A) tail of eukaryotic mRNA, is required for poly(A) shortening and translation initiation. In humans, the PABPs comprise a small nuclear isoform and a conserved gene family that displays at least 3 functional proteins: PABP1 (PABPC1), inducible PABP (iPABP, or PABPC4; MIM 603407), and PABP3 (PABPC3; MIM 604680). In addition, there are at least 4 pseudogenes, PABPCP1 to PABPCP4.[supplied by OMIM]

**Other Designations** poly(A) binding protein, cytoplasmic 2|poly(A)-binding protein, cytoplasmic 2