

## Rabbit anti-Human PABPC5 Polyclonal Antibody | anti-PABPC5 antibody

PABPC5 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                 |
|-----------|--------|------------|--------------------------------------------------------------|
| AAA324961 | Rabbit | Human      | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

PABPC5; Polyclonal Antibody; PABPC5 Antibody; PABP5; Poly(A) binding protein 5; Poly(A) binding protein cytoplasmic 5; Polyadenylate binding protein 5; anti-PABPC5 antibody

### PRODUCT SPECIFICATIONS

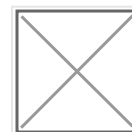
|                                                  |                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                        |
| Reactivity                                       | Human                                                                                         |
| Clonality                                        | Polyclonal                                                                                    |
| Isotype                                          | IgG                                                                                           |
| Specificity                                      | PABPC5 antibody detects endogenous levels of total PABPC5                                     |
| Purity/Purification                              | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                      | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                  | 382                                                                                           |
| Applicable Applications for anti-PABPC5 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                  |
| Immunogen                                        | A synthesized peptide                                                                         |
| Subcellular Location                             | Cytoplasmic                                                                                   |
| Tissue Specificity                               | Expressed in fetal brain and in a range of adult tissues.                                     |
| Predicted Cross Reactivity                       | <b>Horse, Rabbit</b>                                                                          |
| Similarity                                       | Horse (86%), Rabbit (86%)                                                                     |
| Conjugation                                      | Unconjugated                                                                                  |
| Preparation and Storage                          | Store at -20 degree C. Stable for 12 months from date of receipt.                             |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from K562 cells, using PABPC5 antibody.



#### IF (Immunofluorescence)

AAA324961 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PABPC5 antibody | Function: Binds the poly(A) tail of mRNA. May be involved in cytoplasmic regulatory processes of mRNA metabolism. Can probably bind to cytoplasmic RNA sequences other than poly(A) in vivo (By similarity). |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 18201888                                 |
| NCBI GeneID                      | 140886                                   |
| NCBI Accession #                 | NP_543022.1                              |
| NCBI GenBank Nucleotide #        | NM_080832.2                              |
| UniProt Accession #              | Q96DU9; Q5JQF4; Q6P529; Q9UFE5; A8K240   |
| Molecular Weight                 | Observed: 43 kD<br>Predicted: 44 kDa     |
| NCBI Official Full Name          | polyadenylate-binding protein 5          |
| NCBI Official Synonym Full Names | poly(A) binding protein cytoplasmic 5    |
| NCBI Official Symbol             | PABPC5                                   |
| NCBI Official Synonym Symbols    | PABP5                                    |
| NCBI Protein Information         | polyadenylate-binding protein 5          |
| UniProt Protein Name             | Polyadenylate-binding protein 5          |
| UniProt Gene Name                | <b>PABPC5</b>                            |
| UniProt Synonym Gene Names       | PABP5; PABP-5; Poly(A)-binding protein 5 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pabpc5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324961>