

[Go to Product page](#)

Datasheet for ABIN906219

anti-PABP antibody (meArg455, meArg460) (Alexa Fluor 555)

Overview

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| Quantity: | 100 µL |
| Target: | PABP (PABPC1) |
| Binding Specificity: | meArg455, meArg460 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PABP antibody is conjugated to Alexa Fluor 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic metylpeptide derived from human PABP around metylation site of Arg455/Arg460 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Cow,Pig,Horse,Chicken,Rabbit,Guinea Pig |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | PABP (PABPC1) |
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Target Details

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| Alternative Name: | Pabp (PABPC1 Products) |
| Background: | <p>Synonyms: PAB1, PABP, PABP1, PABPC2, PABPL1, Polyadenylate-binding protein 1, PABP-1, Poly(A)-binding protein 1, PABPC1</p> <p>Background: Binds the poly(A) tail of mRNA, including that of its own transcript. May be involved in cytoplasmic regulatory processes of mRNA metabolism such as pre-mRNA splicing. Its function in translational initiation regulation can either be enhanced by PAIP1 or repressed by PAIP2. Can probably bind to cytoplasmic RNA sequences other than poly(A) in vivo. Involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. Involved in regulation of nonsense-mediated decay (NMD) of mRNAs containing premature stop codons, for the recognition of premature termination codons (PTC) and initiation of NMD a competitive interaction between UPF1 and PABPC1 with the ribosome-bound release factors is proposed.</p> |
| Gene ID: | 26986 |
| UniProt: | P11940 |
| Pathways: | SARS-CoV-2 Protein Interactome |

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |

Handling

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| Storage: | -20 °C |
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| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
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| Expiry Date: | 12 months |
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