

Datasheet for ABIN7466960 **anti-PABP antibody**



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Overview

Quantity:	100 µL
Target:	PABP (PABPC1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PABP antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PABP. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PABP (PABPC1)
Alternative Name:	poly(A) binding protein cytoplasmic 1 (PABPC1 Products)
Background:	Poly(A) binding protein cytoplasmic 1 , PAB1 , PABP , PABP1 , PABPC2 , PABPL1, The poly(A)-binding protein (PABP), which is found complexed to the 3-prime poly(A) tail of eukaryotic

Target Details

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]

Molecular Weight: 71 kDa

Gene ID: 26986

UniProt: [P11940](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Neuro2A , C8D30 , NIH-3T3 , Raw264.7 , C2C12 , PC-12 , Rat2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.