

Rabbit PABPC1 Polyclonal Antibody | anti-PABPC1 antibody

PABPC1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285374	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat, Xenopus)	Immunohistochemistry, ELISA, Western Blot

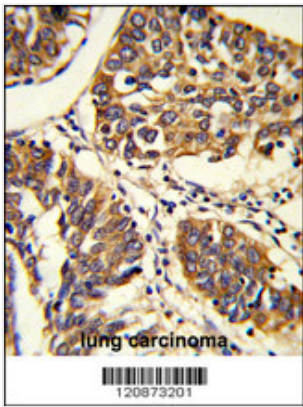
PRODUCT SYNONYMS

PABPC1; Polyclonal Antibody; PABPC1 Antibody (Center); Polyadenylate-binding protein 1; PABP-1; Poly(A)-binding protein 1; PAB1; PABP1; PABPC2; anti-PABPC1 antibody

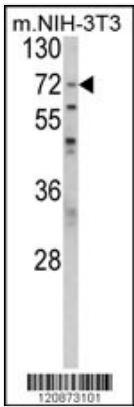
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PABPC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 250-279 amino acids from the Central region of human PABPC1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	250-279
Sequence Length	547
Applicable Applications for anti-PABPC1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with PABPC1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PABPC1 Antibody (Center) in NIH-3T3 cell line lysates (35ug/lane). PABPC1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PABPC1 antibody	PABPC1 binds the poly(A) tail of mRNA. It 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. PABPC1 can probably bind to cytoplasmic RNA sequences other than poly(A) in vivo. It may be 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.
References	Le Clerc,S., et.al., J. Infect. Dis. 200 (8), 1194-1201 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	46367787
NCBI GeneID	26986
NCBI Accession #	NP_002559.2
NCBI GenBank Nucleotide #	NM_002568.3
UniProt Accession #	P11940; Q15097; Q93004
Molecular Weight	70671
NCBI Official Full Name	polyadenylate-binding protein 1
NCBI Official Synonym Full Names	poly(A) binding protein, cytoplasmic 1
NCBI Official Symbol	PABPC1
NCBI Official Synonym Symbols	PAB1; PABP; PABP1; PABPC2; PABPL1
NCBI Protein Information	polyadenylate-binding protein 1
UniProt Protein Name	Polyadenylate-binding protein 1
UniProt Gene Name	PABPC1
UniProt Synonym Gene Names	PAB1; PABP1; PABPC2; PABP-1; Poly(A)-binding protein 1
UniProt Entry Name	PABP1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pabpc1-antibody-immunohistochemistry-western-blot-elisa/285374>