

Rabbit PABPC1 Polyclonal Antibody | anti-PABPC1 antibody

PABPC1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198649	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

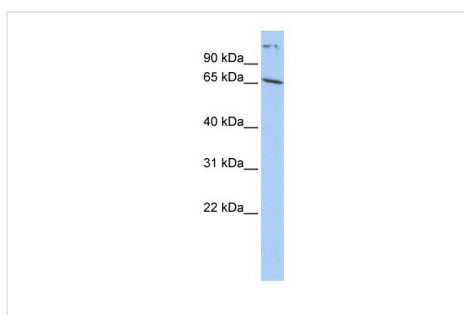
PRODUCT SYNONYMS

PABPC1; Polyclonal Antibody; PABPC1 antibody - middle region; anti-PABPC1 antibody

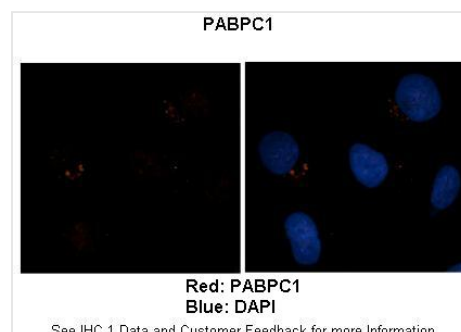
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LR P S P R W T A Q G A R P H P F Q N M P G A I R P A A P R P P F S T M R P A S S Q V P R V M S T Q
Sequence Length	636
Applicable Applications for anti-PABPC1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PABPC1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PABPC1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: HepG2 cell lysate


IHC (Immunohistochemistry)

Sample Type : Human brain stem cells (NT2)
Primary Antibody Dilution : 1:500
Secondary Antibody : Goat anti-rabbit Alexa Fluor 594
Secondary Antibody Dilution : 1:1000
Color/Signal Descriptions : Red: PABPC1 Blue: DAPI
Gene Name : PABPC1
Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science

ADDITIONAL INFORMATION

Related Product Information for anti-PABPC1 antibody	This is a rabbit polyclonal antibody against PABPC1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. 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]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-PABPC1 antibody	Polyclonal; RNA Binding Proteins; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	46367787
NCBI GeneID	26986
NCBI Accession #	NP_002559
NCBI GenBank Nucleotide #	NM_002568
UniProt Accession #	P11940
Molecular Weight	71kDa
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-western-blot-immunohistochemistry-elisa/198649>