

Rabbit PABPC4 Polyclonal Antibody | anti-PABPC4 antibody

PABPC4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280254	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PABPC4; Polyclonal Antibody; PABPC4 Polyclonal Antibody; APP1; APP-1; PABP4; iPABP; anti-PABPC4 antibody

PRODUCT SPECIFICATIONS

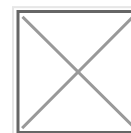
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	644
Applicable Applications for anti-PABPC4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PABPC4
Calculated Molecular Weight	70kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



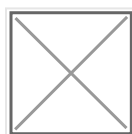
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded mouse brain using PABPC4 antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human esophagus using PABPC4 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PABPC4 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-PABPC4 antibody	Poly(A)-binding proteins (PABPs) bind to the poly(A) tail present at the 3-prime ends of most eukaryotic mRNAs. PABPC4 or IPABP (inducible PABP) was isolated as an activation-induced T-cell mRNA encoding a protein. Activation of T cells increased PABPC4 mRNA levels in T cells approximately 5-fold. PABPC4 contains 4 RNA-binding domains and proline-rich C terminus. PABPC4 is localized primarily to the cytoplasm. It is suggested that PABPC4 might be necessary for regulation of stability of labile mRNA species in activated T cells. PABPC4 was also identified as an antigen, APP1 (activated-platelet protein-1), expressed on thrombin-activated rabbit platelets. PABPC4 may also be involved in the regulation of protein translation in platelets and megakaryocytes or may participate in the binding or stabilization of polyadenylates in platelet dense granules. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PABPC4 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12229875
NCBI GeneID	8761
UniProt Accession #	Q13310; Q4VC03; Q6P0N3; B1ANQ8
Molecular Weight	644
NCBI Official Full Name	Polyadenylate-binding protein 4
NCBI Official Synonym Full Names	poly(A) binding protein, cytoplasmic 4 (inducible form)
NCBI Official Symbol	PABPC4
NCBI Official Synonym Symbols	APP1; APP-1; PABP4; iPABP
NCBI Protein Information	polyadenylate-binding protein 4; PABP-4; poly(A)-binding protein 4; activated-platelet protein 1; inducible poly(A)-binding protein
UniProt Protein Name	Polyadenylate-binding protein 4
UniProt Gene Name	PABPC4
UniProt Synonym Gene Names	APP1; PABP4; PABP-4; Poly(A)-binding protein 4; APP-1; iPABP
UniProt Entry Name	PABP4_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/pabpc4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280254>