

Rabbit anti-Human PABPC4 Polyclonal Antibody | anti-PABPC4 antibody

Anti-PABPC4 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259041	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PABPC4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid
Applicable Applications for anti-PABPC4 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E coli-derived Human PABPC4 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human PABPC4 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

PABPC4 was immunoprecipitated using: Lane A: 0.5 mg RT-4 Whole Cell Lysate Lane B: 0.5 mg U-251 MG Whole Cell Lysate 4 uL anti-PABPC4 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PABPC4 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 71 kDa Observed band size: 71 kDa



IF (Immunofluorescence)

Immunofluorescence staining of PABPC4 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human PABPC4 polyclonal antibody (dilution ratio 1:100) at 4°C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



WB (Western Blot)

Anti-PABPC4 rabbit polyclonal antibody at 1:500 dilution Lane A: RT-4 Whole Cell Lysate Lane B: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 71 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PABPC4 antibody	Poly(A)-binding proteins (PABPs) stimulate translation initiation by bridging the Poly(A) tail to the eukaryotic initiation factor 4F complex associated with the mRNA cap. PABPC4 or IPABP (inducible PABP) was isolated as an activation-induced T-cell mRNA encoding a protein. Cytoplasmic poly(A) binding protein 4 (PABPC4) is an RNA-processing protein that has an important role in regulating gene expression. PABPC4 contains 4 RNA-binding domains and proline-rich C terminus. PABPC4 is localized primarily to the cytoplasm. PABPC4 might be necessary for regulation of stability of labile mRNA species in activated T cells. 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.
References	Wu J, et al. (2015) Gender-specific association between the cytoplasmic poly(a) binding protein 4 rs4660293 single nucleotide polymorphism and serum lipid levels. Mol Med Rep 12 (3): 3476-3486.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pabpc4-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/259041>