

Rabbit anti-Human, Mouse PABP4 Polyclonal Antibody | anti-PABP4 antibody

Rabbit anti-PABP4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211489	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

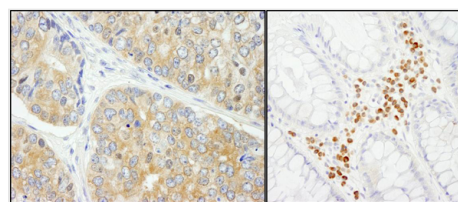
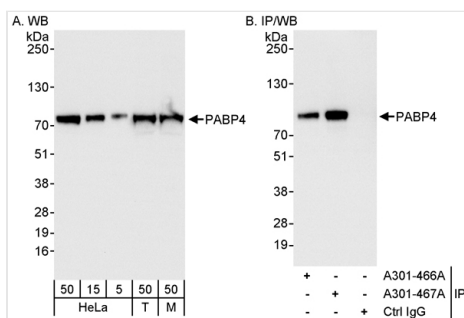
PRODUCT SYNONYMS

PABP4; Polyclonal Antibody; Rabbit anti-PABP4 Antibody; Affinity Purified; APP-1; polyadenylate-binding protein 4; poly(A)-binding protein 4; poly(A) binding protein; cytoplasmic 4 (inducible form); PABP-4; inducible poly(A)-binding protein; APP1; activated-platelet protein 1; iPABP; Polyadenylate-binding protein 4; poly(A) binding protein cytoplasmic 4; anti-PABP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PABP4 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 525 and 575
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human PABP4 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma (left) and colon carcinoma (right). Antibody: Affinity purified rabbit anti-PABP4 (Cat. No. AAA211489 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

WB (Western Blot)

Detection of human and mouse PABP4 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PABP4 antibody AAA211489 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. PABP4 was also immunoprecipitated by rabbit anti-PABP4 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).

ADDITIONAL INFORMATION

Related Product Information for anti-PABP4 antibody	PABP4 (poly(A)-binding protein 4), also known as iPABP (inducible poly(A)-binding protein) was originally identified in a search for activation-induced genes in T-cells. It is one of five poly(A)-binding proteins encoded by independent genes whose products play roles in various aspects of mRNA processing. The PABP genes encode one nuclear and four cytoplasmic PABP proteins. PABP2/PABP (PABPN1) is the observed nuclear PABP. The cytoplasmic PABPs include PABP1 (PABPC1), PABP3 (PABPC3), PABP4/iPABP (PABPC4), and x-linked PABP5 (PABPC5). The cytoplasmic PABPs bear four RNA-recognition motifs (RRMs) that participate in binding poly (A). In T-cells, PABP4 is proposed to play a role in stabilizing labile mRNA.
Product Categories/Family for anti-PABP4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	8761
UniProt Accession #	Q13310
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

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://www.aaabiotech.com/polyclonal/pabp4-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211489>