

Rabbit anti-Human PABPN1 Polyclonal Antibody | anti-PABPN1 antibody

Rabbit anti-PABPN1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212207	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

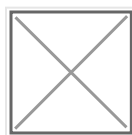
PRODUCT SYNONYMS

PABPN1; Polyclonal Antibody; Rabbit anti-PABPN1 Antibody; Affinity Purified; Nuclear poly(A)-binding protein 1; poly(A) binding protein II; Polyadenylate-binding nuclear protein 1; polyadenylate-binding protein 2; Poly(A)-binding protein II; Poly(A)-binding protein 2; PABP-2; PABP2; PABII; OPMD; poly(A) binding protein 2; PAB2; Polyadenylate-binding protein 2; poly(A) binding protein nuclear 1; anti-PABPN1 antibody

PRODUCT SPECIFICATIONS

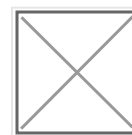
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PABPN1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 100 and 150
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



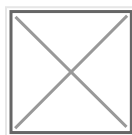
WB (Western Blot)

Detection of human PABPN1 by western blot. Samples: Whole cell lysate from HeLa (15 and 50 ug), HEK293T (T; 50 ug), and Jurkat (J; 50 ug) cells. Antibody: Affinity purified rabbit anti-PABPN1 antibody AAA212207 (lot AAA212207-1) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human PABPN1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PABPN1 antibody AAA212207 (lot AAA212207-1) used for IP at 6 ug/mg lysate. PABPN1 was also immunoprecipitated by rabbit anti-PABPN1 antibody which recognizes an upstream epitope. For blotting immunoprecipitated PABPN1, AAA212207 was used at 0.4 ug/ml. Detection: Chemiluminescence with exposure time of 1 second.



IHC (Immunohistochemistry)

Detection of human PABPN1 by immunohistochemistry. Sample: FFPE section of human stomach carcinoma. Antibody: Affinity purified rabbit anti-PABPN1 (Cat. No. AAA212207 Lot1) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PABPN1 antibody	Polyadenylate binding protein, nuclear 1 (PABPN1) is involved in the 3'-end formation of mRNA precursors (pre-mRNA) by the addition of a poly(A) tail of 200-250 nt to the upstream cleavage product. PABPN1 stimulates poly(A) polymerase (PAPOLA) conferring processivity on the poly(A) tail elongation reaction and also controls the poly(A) tail length. PABPN1 increases the affinity of poly(A) polymerase for RNA and is also present at various stages of mRNA metabolism including nucleocytoplasmic trafficking and nonsense-mediated decay (NMD) of mRNA [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q86U42].
Product Categories/Family for anti-PABPN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758876
NCBI GeneID	8106
NCBI Accession #	NP_004634.1
NCBI GenBank Nucleotide #	NM_004643.3
UniProt Accession #	Q86U42 ; O43484 ; D3DS49
Molecular Weight	32749 MW
NCBI Official Full Name	polyadenylate-binding protein 2
NCBI Official Synonym Full Names	poly(A) binding protein nuclear 1
NCBI Official Symbol	PABPN1
NCBI Official Synonym Symbols	OPMD; PAB2; PABII; PABP2; PABP-2
NCBI Protein Information	polyadenylate-binding protein 2
UniProt Protein Name	Polyadenylate-binding protein 2
UniProt Gene Name	PABPN1
UniProt Synonym Gene Names	PAB2; PABP2; PABP-2; Poly(A)-binding protein 2; PABII

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/pabpn1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212207>