

Rabbit PAIP2 Polyclonal Antibody | anti-PAIP2 antibody

PAIP2 Antibody (N-term)

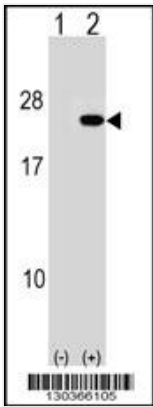
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287057	Rabbit	Human (Predicted Reactivity: Bovine, Chicken)	ELISA, Western Blot

PRODUCT SYNONYMS

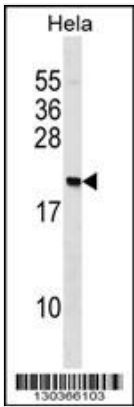
PAIP2; Polyclonal Antibody; PAIP2 Antibody (N-term); Polyadenylate-binding protein-interacting protein 2; PABP-interacting protein 2; PAIP-2; Poly(A)-binding protein-interacting protein 2; PAIP2A; anti-PAIP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PAIP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-34 amino acids from the N-terminal region of human PAIP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	7-34
Sequence Length	127
Applicable Applications for anti-PAIP2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of PAIP2 (arrow) using rabbit polyclonal PAIP2 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PAIP2 gene.



WB (Western Blot)
PAIP2 Antibody (N-term) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the PAIP2 antibody detected the PAIP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PAIP2 antibody	PAIP2 acts as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. Its inhibitory activity on translation is mediated via its action on PABPC1. Displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. Its association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.
References	Graubert, T.A., et al. PLoS ONE 4 (2), E4583 (2009) : Berlanga, J.J., et al. RNA 12(8):1556-1568(2006) Yoshida, M., et al. EMBO J. 25(9):1934-1944(2006) Onesto, C., et al. J. Biol. Chem. 279(33):34217-34226(2004) Gouyon, F., et al. Biochem. J. 375 (PT 1), 167-174 (2003) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	75677355
NCBI GeneID	51247
NCBI Accession #	NP_001028284.1; NP_057564.3
NCBI GenBank Nucleotide #	NM_001033112.2
UniProt Accession #	Q9BPZ3; Q49A06; Q9H0Y5; Q9P0Q8; B2RBI1; D3DQC6
Molecular Weight	14984
NCBI Official Full Name	polyadenylate-binding protein-interacting protein 2
NCBI Official Synonym Full Names	poly(A) binding protein interacting protein 2
NCBI Official Symbol	PAIP2
NCBI Official Synonym Symbols	PAIP-2; PAIP2A
NCBI Protein Information	polyadenylate-binding protein-interacting protein 2
UniProt Protein Name	Polyadenylate-binding protein-interacting protein 2
UniProt Gene Name	PAIP2
UniProt Synonym Gene Names	PAIP2A; PABP-interacting protein 2; PAIP-2; Poly(A)-binding protein-interacting protein 2
UniProt Entry Name	PAIP2_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/paip2-antibody-western-blot-elisa/287057>