

Rabbit PAP Polyclonal Antibody | anti-PAPOLA antibody

PAP Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283706	Rabbit	Human (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

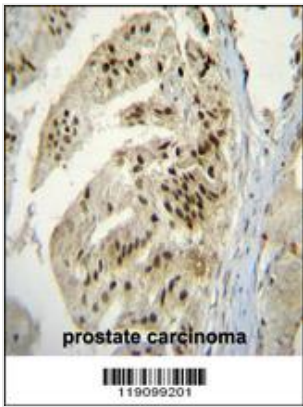
PRODUCT SYNONYMS

PAP; Polyclonal Antibody; PAP Antibody (Center); Poly(A) polymerase alpha; PAP-alpha; Polynucleotide adenylyltransferase alpha; PAPOLA; anti-PAPOLA antibody

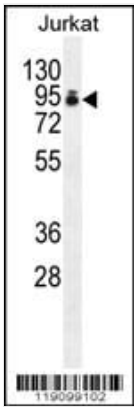
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 407-435 amino acids from the Central region of human PAP.
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: 0.25 (varies by lot)
Sequence Positions	407-435
Sequence Length	285
Applicable Applications for anti-PAPOLA antibody	IHC (Immunohistochemistry), 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.

IMAGES



IHC (Immunohiostchemistry)
PAP Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PAP Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PAP Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the PAP antibody detected the PAP protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PAPOLA antibody	Polymerase that creates the 3'-poly(A) tail of mRNA's. Also required for the endoribonucleolytic cleavage reaction at some polyadenylation sites. May acquire specificity through interaction with a cleavage and polyadenylation specificity factor (CPSF) at its C-terminus.
References	Rapti, A., et al. Mol. Cell. Biochem. 340 (1-2), 91-96 (2010) : Nan, H., et al. J. Invest. Dermatol. 129(9):2250-2257(2009) Olsen, J.V., et al. Cell 127(3):635-648(2006) Dettwiler, S., et al. J. Biol. Chem. 279(34):35788-35797(2004) Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	354681991
NCBI GeneID	10914
NCBI Accession #	NP_001238935.1; NP_001238936.1; NP_116021.2
NCBI GenBank Nucleotide #	NM_001252006.1
UniProt Accession #	P51003; Q86SX4; Q86TV0; Q8IYF5; Q9BVU2
Molecular Weight	82843
NCBI Official Full Name	poly(A) polymerase alpha isoform 2
NCBI Official Synonym Full Names	poly(A) polymerase alpha
NCBI Official Symbol	PAPOLA
NCBI Official Synonym Symbols	PAP
NCBI Protein Information	poly(A) polymerase alpha
UniProt Protein Name	Poly(A) polymerase alpha
UniProt Gene Name	PAPOLA
UniProt Synonym Gene Names	PAP; PAP-alpha
UniProt Entry Name	PAPOA_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://www.aaabiotech.com/polyclonal/pap-antibody-immunohistochemistry-western-blot-elisa/283706>