

Rabbit PUM1 Polyclonal Antibody | anti-PUM1 antibody

PUM1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286366	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

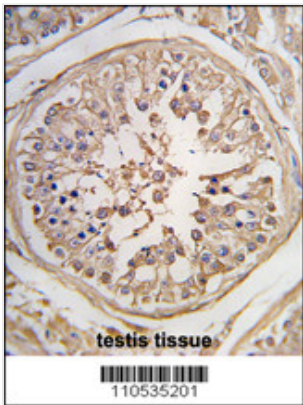
PRODUCT SYNONYMS

PUM1; Polyclonal Antibody; PUM1 Antibody (N-term); Pumilio homolog 1; HsPUM; Pumilio-1; KIAA0099; PUMH1; anti-PUM1 antibody

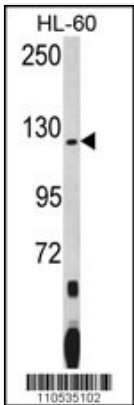
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PUM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PUM1.
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	1-30
Sequence Length	1188
Applicable Applications for anti-PUM1 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)
Formalin-fixed and paraffin-embedded human testis tissue reacted with PUM1 Antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PUM1 (Human N-term) in HL-60 cell line lysates (35ug/lane). PUM1 (arrow) was detected using the purified Pab.(2ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PUM1 antibody	PUM1 is a sequence-specific RNA-binding protein that regulates translation and mRNA stability by binding the 3'-UTR of mRNA targets. Its interactions and tissue specificity suggest that it may be required to support proliferation and self-renewal of stem cells by regulating the translation of key transcripts.
Product Categories/Family for anti-PUM1 antibody	Developmental Biology; Signal Transduction
References	Kusz,K., Mol. Reprod. Dev. 74 (6), 795-799 (2007) Spik,A., Reprod Biol 6 SUPPL 1, 37-42 (2006) Moore,F.L., Proc. Natl. Acad. Sci. U.S.A. 100 (2), 538-543 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	66932909
NCBI GeneID	9698
NCBI Accession #	NP_001018494.1; NP_055491.1
NCBI GenBank Nucleotide #	NM_001020658.1
UniProt Accession #	Q14671; Q53HH5; Q5VXY7; Q9HAN1; A8K6W4; B4DG92; D3DPN3; E9PCJ0
Molecular Weight	126473
NCBI Official Full Name	pumilio homolog 1 isoform 1
NCBI Official Synonym Full Names	pumilio RNA-binding family member 1
NCBI Official Symbol	PUM1
NCBI Official Synonym Symbols	PUMH; HSPUM; PUMH1; PUML1
NCBI Protein Information	pumilio homolog 1
UniProt Protein Name	Pumilio homolog 1
UniProt Gene Name	PUM1
UniProt Synonym Gene Names	HsPUM; Pumilio-1
UniProt Entry Name	PUM1_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/pum1-antibody-immunohistochemistry-western-blot-elisa/286366>