

## Product datasheet for **AP14499PU-N**

### Pumilio 1 (PUM1) (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Peptide ELISA:</b> 1/1,000. <b>Western blot:</b> 1/1,000. <b>Immunohistochemistry:</b> 1/10~1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PUM1.
Specificity:	This antibody recognizes Pumilio 1 (PUM1).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein A Chromatography followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	pumilio RNA binding family member 1
Database Link:	<a href="#">Entrez Gene 9698 Human Q14671</a>
Background:	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.



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**Synonyms:** Pumilio homolog 1, HsPUM, Pumilio-1, PUMH1, KIAA0099

**Note:** **Calculated Molecular Weight:** 126473 Da

**Product images:**

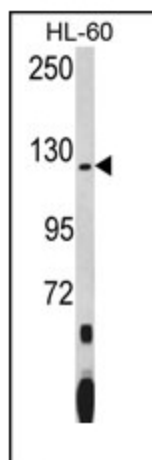


Figure 1. Western blot analysis of PUM1 antibody (Human, N-term) in HL-60 cell line lysates (35 ug/lane). PUM1 (arrow) was detected using the purified Pab (2 ug/ml)

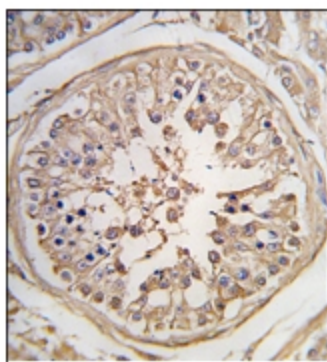


Figure 2. Formalin-fixed and paraffin-embedded Human testis tissue reacted with PUM1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for Immunohistochemistry. Clinical relevance has not been evaluated.