

Rabbit anti-Human PUM2 Polyclonal Antibody | anti-PUM2 antibody

PUM2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288675	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

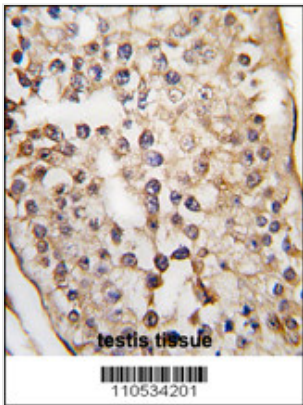
PRODUCT SYNONYMS

PUM2; Polyclonal Antibody; PUM2 Antibody (N-term); Pumilio homolog 2; Pumilio-2; KIAA0235; PUMH2; anti-PUM2 antibody

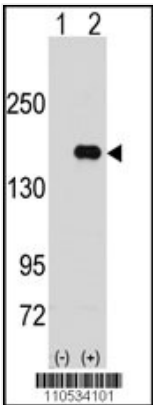
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PUM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-162 amino acids from the N-terminal region of human PUM2.
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: 0.35 (varies by lot)
Sequence Positions	133-162
Sequence Length	1064
Applicable Applications for anti-PUM2 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 PUM2 Antibody (C-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 PUM2 (arrow) using rabbit polyclonal PUM2 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PUM2 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-PUM2 antibody	PUM2 is a member of the PUF family, evolutionarily conserved RNA-binding proteins related to the Pumilio proteins of Drosophila and the fem-3 mRNA binding factor proteins of C. elegans. This protein contains a sequence-specific RNA binding domain comprised of eight repeats and N- and C-terminal flanking regions, and serves as a translational regulator of specific mRNAs by binding to their 3' untranslated regions. The evolutionarily conserved function of this protein in invertebrates and lower vertebrates suggests that the human protein may be involved in translational regulation of embryogenesis, and cell development and differentiation.
Product Categories/Family for anti-PUM2 antibody	Developmental Biology; Signal Transduction
References	Gupta,Y.K., Structure 16 (4), 549-557 (2008) Spassov,D.S.,IUBMB Life 55 (7), 359-366 (2003) Spassov,D.S.,Gene 299 (1-2), 195-204 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13491168
NCBI GeneID	23369
NCBI Accession #	NP_056132.1
NCBI GenBank Nucleotide #	NM_015317.2
UniProt Accession #	Q8TB72; O00234; Q53TV7; Q8WY43; Q9HAN2; B3KSL0; B4E2B6; D6W527
Molecular Weight	114216
NCBI Official Full Name	pumilio homolog 2 isoform 1
NCBI Official Synonym Full Names	pumilio RNA-binding family member 2
NCBI Official Symbol	PUM2
NCBI Official Synonym Symbols	PUMH2; PUML2
NCBI Protein Information	pumilio homolog 2
UniProt Protein Name	Pumilio homolog 2
UniProt Gene Name	PUM2

UniProt Synonym Gene Names	KIAA0235; PUMH2; Pumilio-2
UniProt Entry Name	PUM2_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/pum2-antibody-immunohistochemistry-western-blot-elisa/288675>