

Rabbit PUM2 Polyclonal Antibody | anti-PUM2 antibody

PUM2 Antibody (S182)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290048	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PUM2; Polyclonal Antibody; PUM2 Antibody (S182); Pumilio homolog 2; Pumilio-2; KIAA0235; PUMH2; anti-PUM2 antibody

PRODUCT SPECIFICATIONS

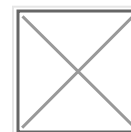
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PUM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-189 amino acids from human PUM2.
Purity/Purification	Peptide Affinity Purified Rabbit 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: 0.5 (varies by lot)
Sequence Positions	159-189
Sequence Length	1,008
Applicable Applications for anti-PUM2 antibody	FCM/FACS (Flow Cytometry), 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



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells using PUM2 Antibody (S182)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with PUM2 Antibody (S182), 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 PUM2 Antibody (S182). 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 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-PUM2 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 #	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-flow-cytometry-immunohistochemistry-western-blot-elisa/290048>