

Rabbit anti-Human Pumilio 2/PUM2 Polyclonal Antibody | anti-PUM2 antibody

Anti-Pumilio 2/PUM2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255880	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

Pumilio 2/PUM2; Polyclonal Antibody; Anti-Pumilio 2/PUM2 Antibody; Rabbit Polyclonal; Pumilio 2/PUM2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-PUMH2 Antibody; Anti-PUML2 Antibody; anti-PUM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Pumilio 2/PUM2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PUM2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human Pumilio 2/PUM2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human Pumilio 2/PUM2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of PUM2 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human PUM2 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human PUM2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PUM2 antibody	PUM2 is a member of the highly conserved Puf family of RNA binding proteins that often function as gene-specific translation regulators. PUM2 pull-down methods combined with reverse transcription and RT-PCR confirmed that PUM2 does indeed bind P2P-R mRNA. These results suggest that P2P-R expression may be translationally regulated by PUM2 and that P2P-R may modulate translation by influencing ribosomal protein gene expression. The human genome contains two Pumilio related genes, PUM1 and PUM2, that encode 127 and 114 kDa proteins with evolutionarily highly conserved Pum RNA-binding domain (86 and 88% homology with the fly Pum protein). PUM1 and PUM2 proteins share 83% overall similarity, with RNA-binding domain being 91% identical. PUM1 consists of 22 exons, spanning about 150 kb on chromosome 1p35.2, whereas PUM2 consists of 20 exons and spans at least 80 kb on chromosome 2p23-24.
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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/pumilio-2-pum2-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/255880>