

Pumilio 1 Rabbit mAb

Catalog No: #49885

Package Size: #49885-1 50ul #49885-2 100ul

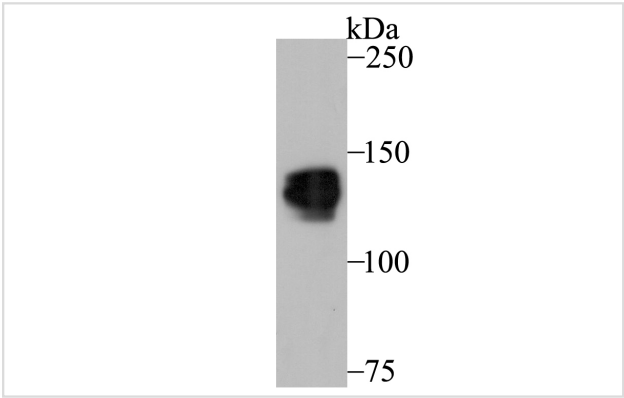
Description

Product Name	Pumilio 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JG37-75
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC,FC,IP
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein within human Pumilio 1 aa 1-200.
Conjugates	Unconjugated
Other Names	HsPUM antibody KIAA0099 antibody PUM 1 antibody PUM L1 antibody Pum1 antibody PUM1_HUMAN antibody PUMH 1 antibody PUMH antibody PUMH1 antibody pumilio homolog 1 (Drosophila) antibody Pumilio homolog 1 antibody Pumilio-1 antibody Pumilio1 antibody PUML 1 antibody PUML1 antibody
Accession No.	Swiss-Prot#:Q14671
Calculated MW	126 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

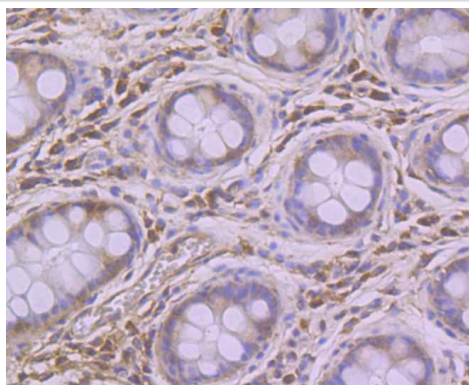
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200IP: 1:10-1:50FC: 1:50-1:100

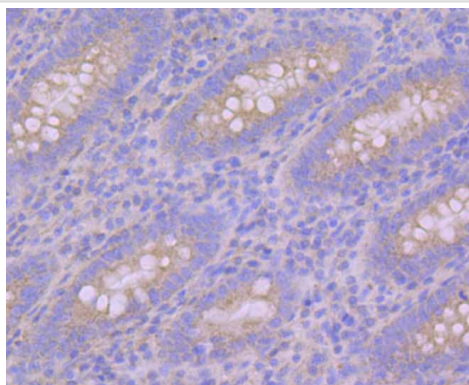
Images



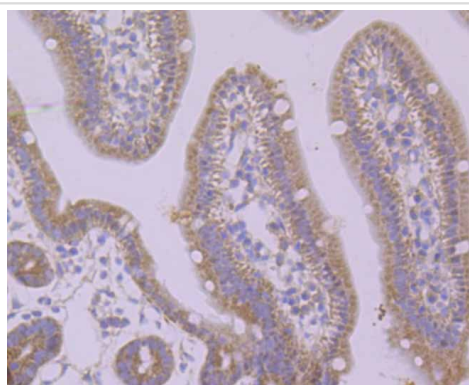
Western blot analysis of Pumilio 1 on SiHa cell using anti-Pumilio 1 antibody at 1/1,000 dilution.



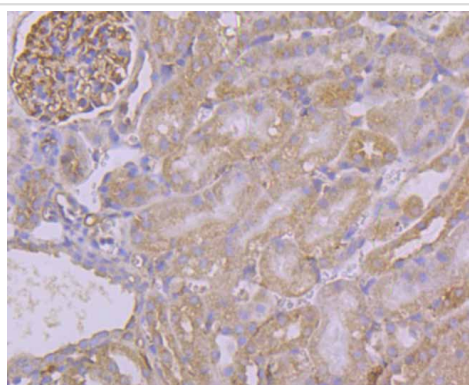
Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-Pumilio 1 antibody. Counter stained with hematoxylin.



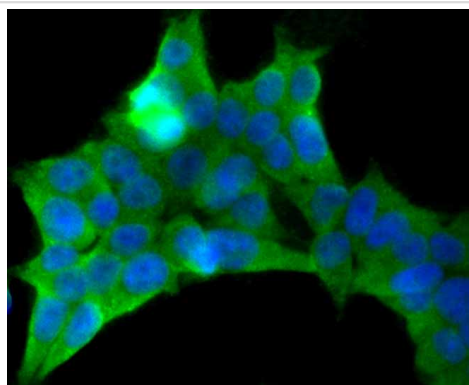
Immunohistochemical analysis of paraffin-embedded human appendix tissue using anti-Pumilio 1 antibody. Counter stained with hematoxylin.



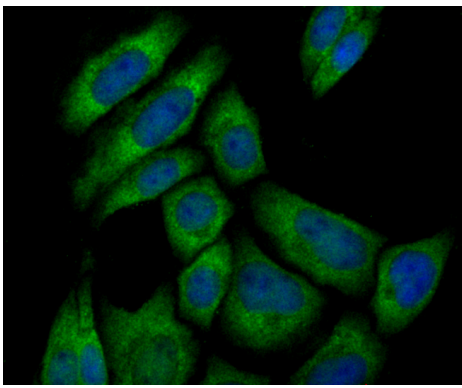
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-Pumilio 1 antibody. Counter stained with hematoxylin.



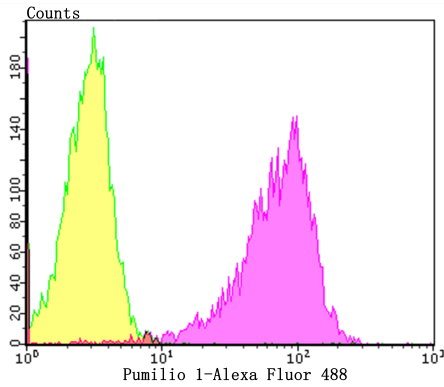
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Pumilio 1 antibody. Counter stained with hematoxylin.



ICC staining Pumilio 1 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Pumilio 1 in SiHa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of 293T cells with Pumilio 1 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Background

Sequence-specific RNA-binding protein that acts as a post-transcriptional repressor by binding the 3'-UTR of mRNA targets. Binds to an RNA consensus sequence, the Pumilio Response Element (PRE), 5'-UGUANAUA-3', that is related to the Nanos Response Element (NRE). Mediates post-transcriptional repression of transcripts via different mechanisms: acts via direct recruitment of the CCR4-POP2-NOT deadenylase leading to translational inhibition and mRNA degradation. Also mediates deadenylation-independent repression by promoting accessibility of miRNAs.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.