

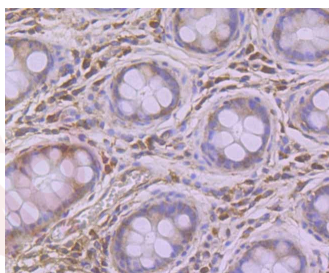
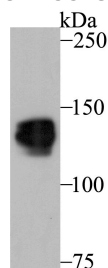
Anti-Pumilio 1 Antibody (3G125)

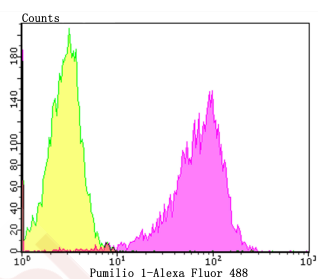
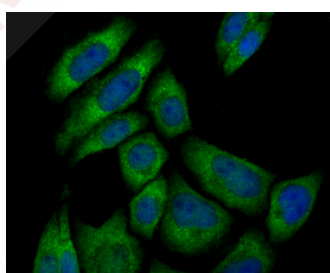
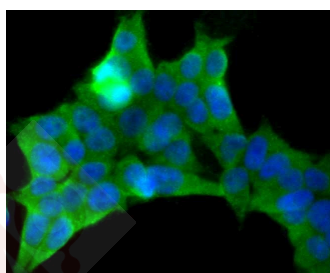
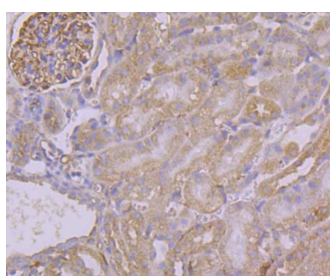
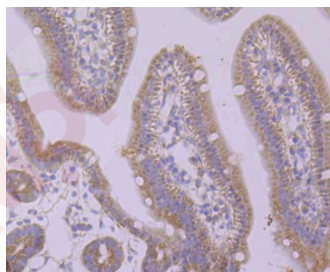
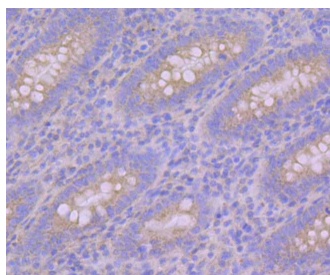
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 126 kDa.
Clone:	3G125
Purification:	ProA affinity purified

Applications

- Verified Activity:
1. Western blot analysis of Pumilio 1 on SiHa cell using anti-Pumilio 1 antibody at 1/1,000 dilution.
 2. Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-Pumilio 1 antibody. Counter stained with hematoxylin.
 3. Immunohistochemical analysis of paraffin-embedded human appendix tissue using anti-Pumilio 1 antibody. Counter stained with hematoxylin.
 4. Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-Pumilio 1 antibody. Counter stained with hematoxylin.
 5. Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Pumilio 1 antibody. Counter stained with hematoxylin.
 6. 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.
 7. 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.
 8. 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.





Application: FCM, ICC, IF, IHC, IP, WB

Recommended WB: 1:1000-2000; IHC: 1:50-200; ICC: 1:50-200; IP: 1:10-50; FCM: 1:50-100

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human Pumilio 1 aa 1-200

Antigen Species: Human

Uniprot ID: Q14671

Synonyms: PUMH;pumilio homolog 1 (Drosophila);Pumilio homolog 1;Pum1;HsPUM;KIAA0099;PUM 1;PUM L1;PUM L1;PUMH1;Pumilio1;PUM L1;PUM1_HUMAN;PUMH 1

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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