

**Product Name: Pumilio 1 Rabbit Monoclonal Antibody****Catalog #: AMRe84316**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ICC,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 126 kDa ; Observed MW: 140 kDa

**Antigen Information**

<b>Gene Name</b>	Pumilio 1
<b>Alternative Names</b>	HsPUM; PUM L1; Pum1; PUMH 1; PUMH; PUMH1; Pumilio1; PUML1;;Pumilio 1
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q14671
<b>Immunogen</b>	A synthesized peptide derived from human Pumilio 1

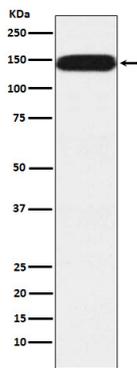
**Background**

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.

## Research Area

## Image Data



Western blot analysis of Pumilio 1 expression in HeLa cell lysate.