

PUM1 Recombinant antibody

Catalog Number: 86129-1-RR

Basic Information

Catalog Number:

86129-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24651

GenBank Accession Number:

BC013398

GeneID (NCBI):

9698

UNIPROT ID:

Q14671

Full Name:

pumilio homolog 1 (Drosophila)

Calculated MW:

1186 aa, 126 kDa

Observed MW:

140 kDa

Purification Method:

Protein A purification

CloneNo.:

250792G4

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : MCF-7 cells, rat brain tissue, A549 cells, K-562 cells, HEK-293 cells, NIH/3T3 cells

IF/ICC : HeLa cells,

Background Information

PUM1, also named as Pumilio homolog 1, is a 1186 amino acid protein, which is expressed in brain, heart, kidney, muscle, intestine and stomach. PUM1 as sequence-specific RNA-binding protein that acts as a post-transcriptional repressor by binding the 3'-UTR of mRNA targets. PUM1 binds to an RNA consensus sequence, the Pumilio Response Element (PRE), 5'-UGUANAUA-3', that is related to the Nanos Response Element (NRE). The calculated molecular weight of PUM1 is 126 kDa, but the modified PUM1 is about 130-140 kDa.

Storage

Storage:

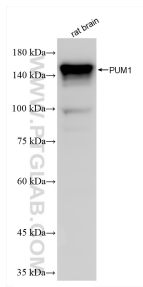
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

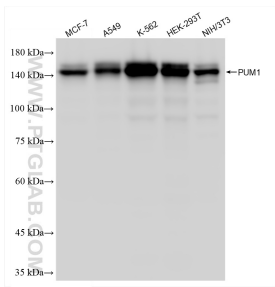
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

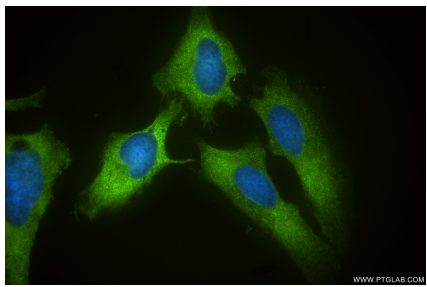
Selected Validation Data



rat brain tissue were subjected to SDS PAGE followed by western blot with 86129-1-RR (PUM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 86129-1-RR (PUM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using PUM1 antibody (86129-1-RR, Clone: 250792G4) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).