

For Research Use Only

PUM1 Polyclonal antibody

Catalog Number: 15982-1-AP

1 Publications



Basic Information

Catalog Number:

15982-1-AP

Size:

150ul, Concentration: 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8790

GenBank Accession Number:

BC013398

GeneID (NCBI):

9698

UNIPROT ID:

Q14671

Full Name:

pumilio homolog 1 (Drosophila)

Calculated MW:

1186 aa, 126 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Background Information

PUM1, also named as PUMH1, PUM1 and Pumilio 1, is a member of the PUF family, evolutionarily conserved RNA-binding proteins related to the Pumilio proteins of Drosophila and the fem-3 mRNA binding factor proteins of C. elegans. This protein contains one PUM-HD domain and eight pumilio repeats. It is a sequence-specific RNA-binding protein that regulates translation and mRNA stability by binding the 3'-UTR of mRNA targets. It is strongly downregulated in keratinocytes upon UVB irradiation. The human PUM1 protein may be involved in translational regulation of embryogenesis, and cell development and differentiation. It may be required to support proliferation and self-renewal of stem cells. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human PUM1.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------------|-----------|----------|-------------|
| Jeremiah J Bearss | 33586867 | EMBO Rep | WB |

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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