

## PUM1

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:1000 IHC 1:50 - 1:100

**Calculated MW:**126kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PUM1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PUMH; HSPUM; PUMH1; PUML1;

**Background:**

This gene encodes 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*. The encoded protein contains a sequence-specific RNA binding domain comprised of eight repeats and N- and C-terminal flanking regions, and serves as a translational regulator of specific mRNAs by binding to their 3' untranslated regions. The evolutionarily conserved function of the encoded protein in invertebrates and lower vertebrates suggests that the human protein may be involved in translational regulation of embryogenesis, and cell development and differentiation. Alternatively spliced transcript variants encoding different isoforms have been described.

**To place an order, please [Click HERE](#).**

**Catalog #:**A6108

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**9698

**Isotype:**IgG

**Swiss Prot:**Q14671

**Purity:**Affinity purification

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