

## Rabbit PUM1 Polyclonal Antibody | anti-PUM1 antibody

PUM1 Polyclonal Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA280390</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

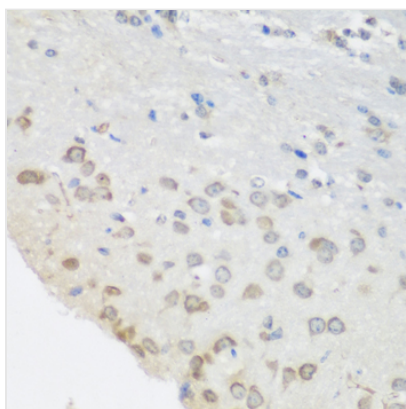
### PRODUCT SYNONYMS

PUM1; Polyclonal Antibody; PUM1 Polyclonal Antibody; anti-PUM1 antibody

### PRODUCT SPECIFICATIONS

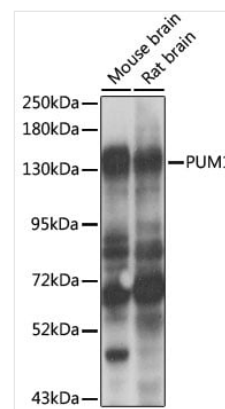
|                                                |                                                                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                          |
| Reactivity                                     | Human, Mouse, Rat                                                                                               |
| Clonality                                      | Polyclonal                                                                                                      |
| Isotype                                        | IgG                                                                                                             |
| Purity/Purification                            | Affinity Purification                                                                                           |
| Sequence Length                                | 1188                                                                                                            |
| Applicable Applications for anti-PUM1 antibody | WB (Western Blot)                                                                                               |
| Immunogen                                      | Recombinant Protein                                                                                             |
| Immunogen                                      | A synthetic peptide of human PUM1                                                                               |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using PUM1 antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PUM1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 15s.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PUM1 antibody | 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. |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 66932909                                                       |
| NCBI GeneID                      | 9698                                                           |
| NCBI Accession #                 | NP_001018494.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001020658.1                                                 |
| UniProt Accession #              | Q14671; Q53HH5; Q5VXY7; Q9HAN1; A8K6W4; B4DG92; D3DPN3; E9PCJ0 |
| Molecular Weight                 | 126kDa                                                         |
| NCBI Official Full Name          | pumilio homolog 1 isoform 1                                    |
| NCBI Official Synonym Full Names | pumilio RNA-binding family member 1                            |
| NCBI Official Symbol             | PUM1                                                           |
| NCBI Official Synonym Symbols    | PUMH; HSPUM; PUMH1; PUML1                                      |
| NCBI Protein Information         | pumilio homolog 1                                              |
| UniProt Protein Name             | Pumilio homolog 1                                              |
| UniProt Gene Name                | PUM1                                                           |
| UniProt Synonym Gene Names       | HsPUM; Pumilio-1                                               |
| UniProt Entry Name               | PUM1_HUMAN                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pum1-antibody-western-blot-elisa/280390>