PUM1 Rabbit Polyclonal Antibody



CAB6108

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

135kDa

Calculated MW:

119kDa/124kDa/126kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

9698

Uniprot Q14671

Synonyms:

Immunogen:

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:50 - 1:100

Source:

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Rabbit Recombir

Recombinant fusion protein containing a sequence corresponding

to amino acids 1-280 of human PUM1 (NP_055491.1).

Isotype:

lgG Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

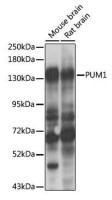
sodium azide, 50% glycerol, pH7.3.

PUM1; HSPUM; PUMH; PUMH1; PUML1

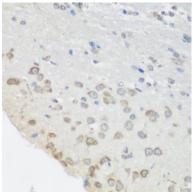
Purification:

Affinity purification

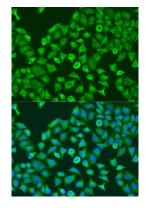
Product Images



Western blot analysis of extracts of various cell lines, using PUM1 antibody (CAB6108) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 15s.



Immunohistochemistry of paraffin-embedded mouse brain using PUM1 antibody (CAB6108) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using PUM1 antibody (CAB6108) at dilution of 1:100. Blue: DAPI for nuclear staining.