

Datasheet for ABIN391822
anti-PUM1 antibody (AA 62-91)[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | PUM1 |
| Binding Specificity: | AA 62-91 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PUM1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-----------------------|---|
| Immunogen: | This PUM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-91 amino acids from human PUM1. |
| Clone: | RB16264 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | C, M, X |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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| Target: | PUM1 |
| Alternative Name: | PUM1 (PUM1 Products) |

Target Details

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|-------------------|--|
| Background: | <p>PUM1 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 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 this protein in invertebrates and lower vertebrates suggests that the human protein may be involved in translational regulation of embryogenesis, and cell development and differentiation.</p> |
| Molecular Weight: | 126473 |
| Gene ID: | 9698 |
| NCBI Accession: | NP_001018494 , NP_055491 |
| UniProt: | Q14671 |

Application Details

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| Application Notes: | WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50 |
| Restrictions: | For Research Use only |

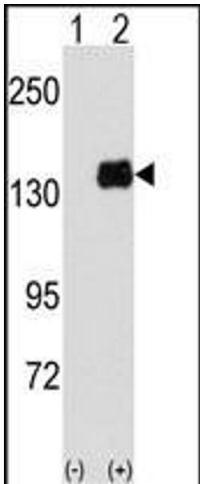
Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



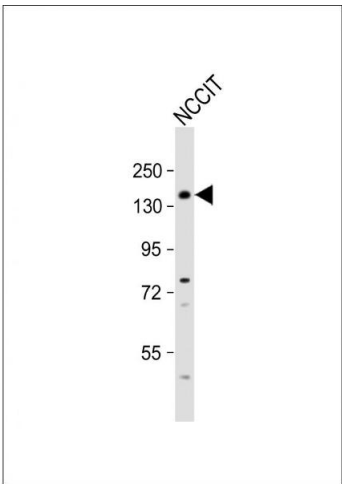
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with Phospho-PUM1-Y83.ctrl antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of PUM1 (arrow) using PUM1 Antibody (Y83) (ABIN391822 and ABIN2841668). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the PUM1 gene (Lane 2) (Origene Technologies).



Western Blotting

Image 3. Anti-PUM1 Antibody (Y83) at 1:1000 dilution + NCCIT whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 126 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.