

Datasheet for ABIN392131
anti-PUM2 antibody (AA 159-189)

3 Images

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Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | PUM2 |
| Binding Specificity: | AA 159-189 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PUM2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS) |

Product Details

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|-----------------------|---|
| Immunogen: | This PUM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-189 amino acids from human PUM2. |
| Clone: | RB15584 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | M |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|---------|------|
| Target: | PUM2 |
|---------|------|

Target Details

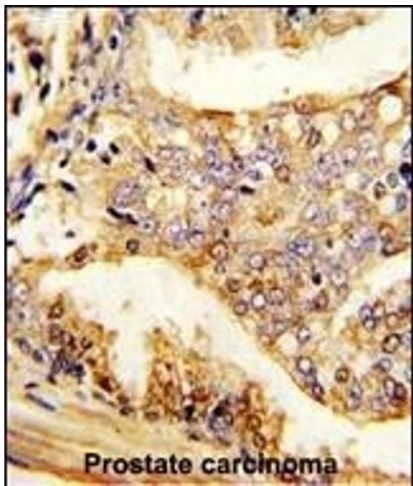
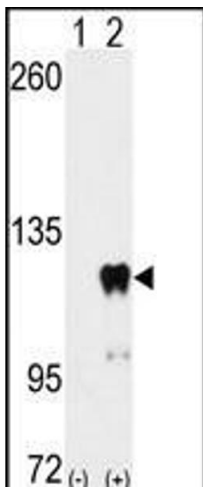
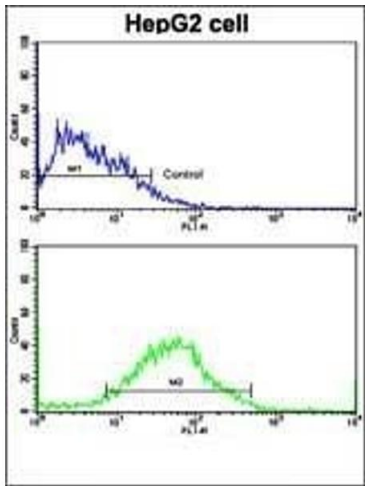
| | |
|-------------------|--|
| Alternative Name: | PUM2 (PUM2 Products) |
| Background: | PUM2 is a sequence-specific RNA-binding protein that regulates translation and mRNA stability by binding the 3'-UTR of mRNA targets. Its interactions and tissue specificity suggest that it may be required to support proliferation and self-renewal of stem cells by regulating the translation of key transcripts. |
| Molecular Weight: | 114216 |
| Gene ID: | 23369 |
| NCBI Accession: | NP_056132 |
| UniProt: | Q8TB72 |
| Pathways: | Ribonucleoprotein Complex Subunit Organization |

Application Details

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|--------------------|---|
| Application Notes: | WB: 1:1000. IHC-P: 1:10~50. FC: 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 |



Flow Cytometry

Image 1. Flow cytometric analysis of HepG2 cells using PUM2 Antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of PUM2 (arrow) using PUM2 Antibody (ABIN392131 and ABIN2841870). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the PUM2 gene (Lane 2) (Origene Technologies).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with PUM2 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.