

**DPM3 Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2850a****Specification**

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**DPM3 Antibody (internal region) - Product Information**

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|-------------------|-----------------------------------------------------------------------------------|
| Application       | WB                                                                                |
| Primary Accession | <a href="#">Q9P2X0</a>                                                            |
| Other Accession   | <a href="#">NP_061846.2</a> , <a href="#">NP_714963.1</a> , <a href="#">54344</a> |
| Reactivity        | Human                                                                             |
| Predicted         | Mouse, Rat, Pig, Dog, Cow                                                         |
| Host              | Goat                                                                              |
| Clonality         | Polyclonal                                                                        |
| Concentration     | 0.5 mg/ml                                                                         |
| Isotype           | IgG                                                                               |
| Calculated MW     | 10094                                                                             |

**DPM3 Antibody (internal region) - Additional Information****Gene ID** 54344**Other Names**

Dolichol-phosphate mannosyltransferase subunit 3, Dolichol-phosphate mannose synthase subunit 3, DPM synthase subunit 3, Dolichyl-phosphate beta-D-mannosyltransferase subunit 3, Mannose-P-dolichol synthase subunit 3, MPD synthase subunit 3, Prostn-1, DPM3

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

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.

**Precautions**

DPM3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**DPM3 Antibody (internal region) - Protein Information****Name** DPM3**Function**

Stabilizer subunit of the dolichol-phosphate mannose (DPM) synthase complex; tethers catalytic subunit DPM1 to the endoplasmic reticulum.

**Cellular Location**

Endoplasmic reticulum membrane; Multi-pass membrane protein

### DPM3 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### DPM3 Antibody (internal region) - Images



AF2850a (2 µg/ml) staining of K562 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### DPM3 Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP\_061846.2 and NP\_714963.1).

### DPM3 Antibody (internal region) - References

Dolichol-phosphate-mannose-3 (DPM3)/prost-in-1 is a novel phospholipase C-gamma regulated gene negatively associated with prostate tumor invasion Manos EJ, Kim ML, Kassis J, Chang PY, Wells A, Jones DA Oncogene. 2001 May 17;20(22):2781-90 PMID: 11420690