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# MUM1 Antibody (C-term)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP17700b**

## Specification

### MUM1 Antibody (C-term) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q2TAK8 |
| Other Accession | NP_116242.2 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **78636** |
| Antigen Region | **671-699** |

### MUM1 Antibody (C-term) - Additional Information

**Gene ID** 84939

**Other Names**
PWWP domain-containing protein MUM1, Mutated melanoma-associated antigen 1, MUM-1, Protein expandere, MUM1, EXPAND1

**Target/Specificity**
This MUM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 671-699 amino acids from the C-terminal region of human MUM1.

**Dilution**
WB~~1:1000

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
MUM1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### MUM1 Antibody (C-term) - Protein Information

**Name** PWWP3A (HGNC:29641)

**Function** Involved in the DNA damage response pathway by contributing to the maintenance of

chromatin architecture. Recruited to the vicinity of DNA breaks by TP53BP1 and plays an accessory role to facilitate damage-induced chromatin changes and promoting chromatin relaxation. Required for efficient DNA repair and cell survival following DNA damage.

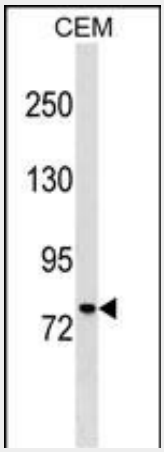
**Cellular Location**
Nucleus. Note=Recruited to DNA damage sites via its interaction with the BRCT domain of TP53BP1

## MUM1 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## MUM1 Antibody (C-term) - Images




MUM1 Antibody (C-term) (Cat. #AP17700b) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the MUM1 antibody detected the MUM1 protein (arrow).

## MUM1 Antibody (C-term) - Background

Involved in the DNA damage response pathway by contributing to the maintenance of chromatin architecture. Recruited to the vicinity of DNA breaks by TP53BP1 and plays an accessory role to facilitate damage-induced chromatin changes and promoting chromatin relaxation. Required for efficient DNA repair and cell survival following DNA damage.

## MUM1 Antibody (C-term) - References

Huen, M.S., et al. Mol. Cell 37(6):854-864(2010)
Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
Coulie, P.G., et al. Proc. Natl. Acad. Sci. U.S.A. 92(17):7976-7980(1995)