

Datasheet for ABIN898320

**anti-GANP antibody (AA 435-535) (Cy5)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | GANP (MCM3AP)                                                                                                                  |
| Binding Specificity: | AA 435-535                                                                                                                     |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This GANP antibody is conjugated to Cy5                                                                                        |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human GANP |
| Isotype:              | IgG                                                      |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse           |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
| Target:           | GANP (MCM3AP)                                                                      |
| Alternative Name: | GANP ( <a href="#">MCM3AP Products</a> )                                           |
| Background:       | Synonyms: 80 kDa MCM3 associated protein, 80 kDa MCM3-associated protein, Germinal |

Target Details

center associated nuclear protein, KIAA0572, MAP80, MCM3 import protein, MCM3 minichromosome maintenance deficient 3 S. cerevisiae associated protein, MCM3 minichromosome maintenance deficient 3 associated protein, MCM3A, MCM3A\_HUMAN, MCM3AP, Minichromosome maintenance complex component 3 associated protein, Minichromosome maintenance deficient 3 associated protein, Minichromosome maintenance protein 3 associated protein, Protein GANP.

Background: The minichromosome maintenance protein 3 (MCM3) is one of the MCM proteins essential for the initiation of DNA replication. The protein encoded by this gene is a MCM3 binding protein. It was reported to have phosphorylation-dependent DNA-primase activity, which was up-regulated in antigen immunization induced germinal center. This protein was demonstrated to be an acetyltransferase that acetylates MCM3 and plays a role in DNA replication. The mutagenesis of a nuclear localization signal of MCM3 affects the binding of this protein with MCM3, suggesting that this protein may also facilitate MCM3 nuclear localization.

|           |                                              |
|-----------|----------------------------------------------|
| Gene ID:  | 8888                                         |
| Pathways: | <a href="#">Protein targeting to Nucleus</a> |

Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |

Handling

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|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date:     | 12 months                                                                         |