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Datasheet for ABIN898318
anti-GANP antibody (AA 435-535) (Cy5.5)

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 Cy5.5
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 (MCM3AP Products)
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: [Protein targeting to Nucleus](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
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

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

Expiry Date: 12 months