



Rabbit Anti-GANP antibody

SL6383R

Product Name:	GANP
Chinese Name:	生发中心相关核蛋白MCM3抗体
Alias:	80 kDa MCM3 associated protein; 80 kDa MCM3-associated protein; Germinal 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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	218kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GANP:435-535/1980
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:

May be involved in the nuclear localization pathway of MCM3.

Subunit:

Interacts with MCM3.

Subcellular Location:

Cytoplasm. Nucleus

Similarity:

Belongs to the SAC3 family.

SWISS:

O60318

Gene ID:

8888

Database links:

UniProtKB/Swiss-Prot: O60318.2

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.