

## Product datasheet for **TA347386**

### GANP (MCM3AP) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:3000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GANP Antibody: A synthesized peptide derived from human GANP
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	218 kDa
Gene Name:	minichromosome maintenance complex component 3 associated protein
Database Link:	<a href="#">NP_003897</a> <a href="#">Entrez Gene 54387 Mouse</a> <a href="#">Entrez Gene 8888 Human</a> <a href="#">O60318</a>



[View online »](#)

**Background:**

GANP is a member of the SAC3 family of nuclear export factors. In combination with ENY2, PCID2 and centrins, forms the TREX-2 complex that links transcription/ processing with nuclear mRNA export. GANP, required to recruit ENY2 to nuclear pore complexes (NPCs), requires both its CID and MCM3AP domains, together with nucleoporin Nup153, for recruitment to NPCs. The MCM3AP domain, corresponding to the carboxy-terminal 721 amino acids of GANP, shows homology with the Gcn5-related N acetyltransferase superfamily. The protein MCM3AP is encoded entirely within the 3' region of the GANP gene. MCM3AP transcription begins within intron 16 of GANP immediately upstream of the first MCM3AP exon, where NF-IL6, AP-1, NF- $\kappa$ B, and p53 consensus transcription factor binding sites are located.

**Synonyms:**

GANP; MAP80; SAC3

**Note:**

GANP antibody detects endogenous levels of total GANP

**Product images:**