

Product datasheet for TA347386

GANP (MCM3AP) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: WB: 1:500-1:3000 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: NP 003897

Entrez Gene 54387 MouseEntrez Gene 8888 Human

060318



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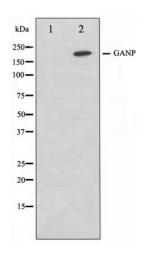
Background:

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 3½ 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-¿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:



Western blot analysis on NIH-3T3 cell lysate using GANP Antibody