

Datasheet for ABIN7268541
anti-GANP antibody (AA 250-550)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GANP (MCM3AP)
Binding Specificity:	AA 250-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GANP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	MCM3AP Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 250-550 of human MCM3AP (NP_003897.2).
Sequence:	SSFPVSSAVL GEPFQASKAG VRQGCEEAVS QVEPLPSLMK GLKRKEDQDR SPRRHGHEPA EDSDPLSRGD HPPDKRPVRL NRPRGGTLFG RTIQDVFKSN KEVGRLGNKE AKKETGFVES AESDHMAIPG GNQSVLAPSR IPGVNKEEET ESREKKEDSL RGTPARQSNR SESTD SLGGL SPSEVTAIQC KNIPDYLNR TILENHFGKI AKVQRIFTRR SKKLAVVHFF DHASAALARK KGKSLHKDMA IFWHRKKISP NKKPFSLEKE KPGDGEVSPS TEDAPFQHSP LGKAAGRTGA S
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: GANP (MCM3AP)

Alternative Name: MCM3AP ([MCM3AP Products](#))

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. This gene is expressed in the brain or in neuronal tissue. An allelic variant encoding amino acid Lys at 915, instead of conserved Glu, has been identified in patients with mild intellectual disability.,MCM3AP,GANP,MAP80,SAC3,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Cell Cycle,Cell cycle inhibitors,Cell differentiation,MCM3AP

Molecular Weight: 80kDa/218kDa

Gene ID: 8888

UniProt: [O60318](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

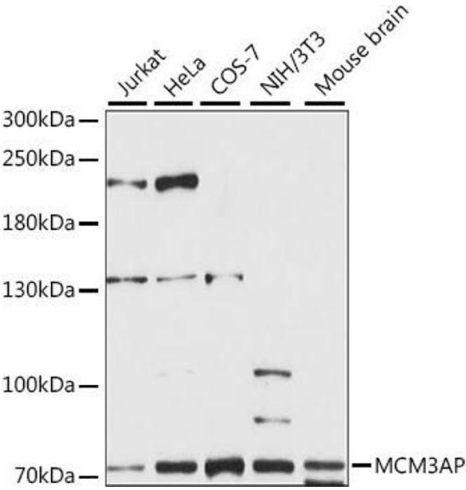
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using MCM3AP antibody (ABIN7268541) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.