



GANP Polyclonal Antibody

Cat No: HR1AP9013

For research use only

Overview

Product Name	GANP Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	218kDa
GenID?Human?	MCM3AP
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	MCM3AP; GANP; KIAA0572; MAP80; 80 kDa MCM3-associated protein; Protein GANP
Background	minichromosome maintenance complex component 3 associated protein(MCM3AP) Homo sapiens 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. [provided by RefSeq, Jan 2014].