



MCM8 Polyclonal Antibody

Catalog Number PA5-32038

Product data sheet

Details		Tested Applications	Dilution *
Size	100 µL	Western Blot (WB)	1:500-1:3,000
Host/Isotope	Rabbit / IgG	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Class	Polyclonal		
Type	Antibody		
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 1 and 199 of Human MCM8		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.77 mg/mL		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA5-32038 targets MCM8 in WB applications and shows reactivity with Human samples. The PA5-32038 immunogen is recombinant protein fragment corresponding to a region within amino acids 1 and 199 of Human MCM8.

Background/Target Information

The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein contains the central domain that is conserved among the MCM proteins. This protein has been shown to co-immunoprecipitate with MCM4, 6 and 7, which suggests that it may interact with other MCM proteins and play a role in DNA replication. Alternatively spliced transcript variants encoding distinct isoforms have been described.

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