Datasheet for ABIN3031814

anti-MCM8 antibody (AA 322-350)

2 Images

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Overview

Quantity:	0.4 mL
Target:	MCM8
Binding Specificity:	AA 322-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCM8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 322-350 from the human protein was used as the immunogen for this MCM8 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	MCM8
Alternative Name:	MCM8 (MCM8 Products)
Background:	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

Target Details

	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.
UniProt:	Q9UJA3
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA

Application Details

Application Notes:	Titration of the MCM8 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the MCM8 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images

Western Blotting

Image 1. MCM8 antibody western blot analysis in T47D lysate.

Western Blotting

Image 2. MCM8 antibody western blot analysis in T47D lysate.