

MCM2(Phospho-Ser139) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03565
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phospho peptide around human MCM2 (Ser139)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	MCM2
Synonyms	MCM2 ;Ser139 ; DNA replication licensing factor MCM2; EC 3.6.4.12; Minichromosome maintenance protein 2 homolog; Nuclear protein BM28

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by 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 forms a complex with MCM4 [6] and 7 [7] and has been shown to regulate the helicase activity of the complex. This protein is phosphorylated and thus regulated by protein kinases CDC2 and CDC7. Multiple alternatively spliced transcript variants have been found but the full-length nature of some variants has not been defined.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com