

MCM6 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05278
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human MCM6. AA range:331-380
Mol wt	90310
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	MCM6 Antibody
Synonyms	MCM6; DNA replication licensing factor MCM6; p105MCM

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

Background

DNA replication licensing factor MCM6 encoded by MCM6 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. The MCM complex consisting of this protein and MCM2, 4 and 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of the complex by CDC2 kinase reduces the helicase activity, suggesting a role in the regulation of DNA replication. Single nucleotide polymorphisms in the intron regions of this gene are associated with differential transcriptional activation of the promoter of the neighboring lactase gene and, thereby, influence lactose intolerance in early adulthood.

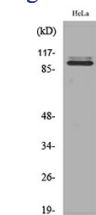
Recommended Dilution

WB: 1: 500 - 1: 2000

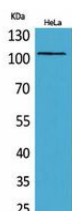
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysate from HeLa cells, using MCM6 Antibody.



Western Blot analysis of HeLa cells using MCM6 Polyclonal Antibody . Secondary antibody was diluted at 1:20000 cells nucleus.

Storage

-20°C for one year

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