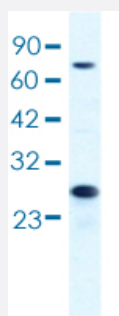


MCM6 polyclonal antibody

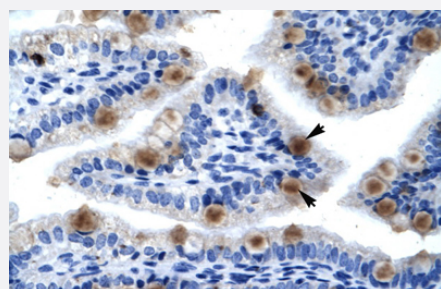
Catalog # PAB29922 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with MCM6 polyclonal antibody (Cat # PAB29922).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung with MCM6 polyclonal antibody (Cat # PAB29922).

Specification

Product Description	Rabbit polyclonal antibody raised against partial synthetic protein of human MCM6.
Immunogen	A synthetic peptide corresponding to amino acids 771-820 of human MCM6.
Sequence	RIIEKVIHRLTHYDHVLIETQAGLKGSTEGSESYEEDPYLVVNPNYLLE
Host	Rabbit
Theoretical MW (kDa)	90
Reactivity	Human
Form	Liquid

Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:250) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1X PBS , pH 7.4 (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C for up to one week. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with MCM6 polyclonal antibody (Cat # PAB29922).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung with MCM6 polyclonal antibody (Cat # PAB29922).

Gene Info — MCM6

Entrez GeneID	4175
Protein Accession#	Q14566
Gene Name	MCM6
Gene Alias	MCG40308, Mis5, P105MCM
Gene Description	minichromosome maintenance complex component 6
Omim ID	223100 601806
Gene Ontology	Hyperlink

Gene Summary

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. 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. [provided by RefSeq]

Other Designations

DNA replication licensing factor MCM6|MCM6 minichromosome maintenance deficient 6 (MIS5 homolog, *S. pombe*)|MIS5 homolog|minichromosome maintenance deficient (mis5, *S. pombe*) 6|minichromosome maintenance deficient 6 homolog

Pathway

- [Cell cycle](#)
- [DNA replication](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)
- [Lactose Intolerance](#)
- [Ovarian Neoplasms](#)