
MCM8 Rabbit pAb

Catalog Number: bs-18269R

Target Protein: MCM8

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: **IHC-P** (1:100-500), **IHC-F** (1:100-500), **IF** (1:100-500), **ICC/IF** (1:100-500)

Reactivity: (predicted: Human, Mouse, Rabbit, Sheep, Cow, Dog, Horse)

Predicted MW: 93 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 84515

Swiss Prot: Q9UJA3

Source: KLH conjugated synthetic peptide derived from human MCM8: 301-400/840.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 mini-chromosome maintenance proteins is a key component of the pre-replication complex 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 mini-chromosome maintenance proteins. The encoded protein may interact with other mini-chromosome maintenance proteins and play a role in DNA replication. This gene may be associated with length of reproductive lifespan and menopause. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2013]

PRODUCT SPECIFIC PUBLICATIONS

[IF=2.8] Xu-Sheng Liu. et al.Expression patterns of MCM8 in lung adenocarcinoma and its correlation with key biological processes.EUROPEAN JOURNAL OF MEDICAL RESEARCH.2025 Mar 3;30(1):149. IHC ; Human . 40033404