Anti-MCM8 antibody

Description	Unconjugated Rabbit polyclonal to MCM8

Model	STJ191906
Host	Rabbit
Reactivity	Human, Rat
Applications	ELISA, WB
Gene ID	84515
Gene Symbol	MCM8
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MCM8 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highest levels in placenta, lung and pancreas. Low levels in skeletal muscle and kidney. Expressed in various tumors with highest levels in colon and lung cancers.
Purification	MCM8 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	DNA helicase MCM8 Minichromosome maintenance 8
Molecular Weight	92 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16147OMIM:608187
Alternative Names	DNA helicase MCM8 Minichromosome maintenance 8
Function	Component of the MCM8-MCM9 complex, a complex involved in homologous recombination repair following DNA interstrand cross-links and plays a key role during gametogenesis. The MCM8-MCM9 complex probably acts as a hexameric helicase downstream of the Fanconi anemia proteins BRCA2 and RAD51 and is required to process aberrant forks into homologous recombination substrates and to orchestrate homologous recombination with resection, fork stabilization and fork restart. May also play a non-essential for DNA replication: may be involved in the activation of the prereplicative complex (pre-RC) during G(1) phase by recruiting CDC6 to the origin recognition complex (ORC). Binds chromatin throughout the cell cycle.
Cellular Localization	Nucleus. Localizes to nuclear foci and colocalizes with RAD51.

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