

产品名称: Eme1 Rabbit Polyclonal Antibody
产品货号: APRab10437



产品概述 (Summary)

产品名称 (Production Name)	Eme1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	EME1
别名 (Alternative Names)	EME1; MMS4; Crossover junction endonuclease EME1; MMS4 homolog; hMMS4
基因 ID (Gene ID)	146956.0
蛋白 ID (SwissProt ID)	Q96AY2.Synthesized peptide derived from Eme1 . at AA range: 250-330

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	65kDa

研究背景 (Background)

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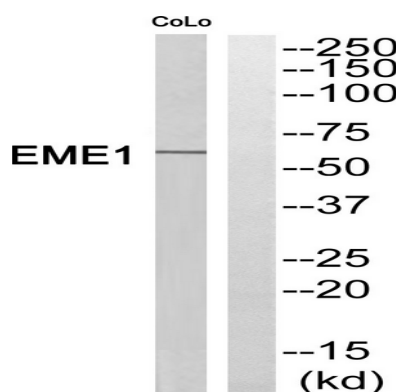


This gene encodes a protein that complexes with methyl methanesulfonate-sensitive UV-sensitive 81 protein to form an endonuclease complex. The encoded protein interacts with specific DNA structures including nicked Holliday junctions, 3'-flap structures and aberrant replication fork structures. This protein may be involved in repairing DNA damage and in maintaining genomic stability. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009],cofactor:Magnesium.,function:Interacts with MUS81 to form a DNA structure-specific endonuclease with substrate preference for branched DNA structures with a 5'-end at the branch nick. Typical substrates include 3'-flap structures, replication forks and nicked Holliday junctions. May be required in mitosis for the processing of stalled or collapsed replication forks.,similarity:Belongs to the EME1/MMS4 family.,subcellular location:Recruited to regions of DNA damage in S-phase cells.,subunit:May self-associate. Interacts with MUS81. Interacts with ERCC4 and FANCM.,

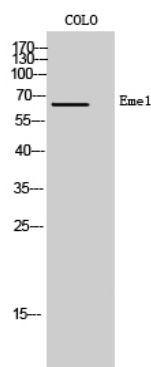
研究领域 (Research Area)

Homologous recombination;

图片 (Image Data)



Western blot analysis of EME1 Antibody. The lane on the right is blocked with the EME1 peptide.



Western Blot analysis of COLO cells using Eme1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

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注意事项 (Note)

For research use only .