
EME1 Rabbit pAb

Catalog Number: bs-7861R

Target Protein: EME1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Sheep, Dog)

Predicted MW: 63 kDa

Entrez Gene: 146956

Swiss Prot: Q96AY2

Source: KLH conjugated synthetic peptide derived from human EME1: 412-500/570.

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: EME1 complexes with methyl methanesulfonate-sensitive UV-sensitive 81 protein (MUS81) to form an endonuclease complex which cleaves branched DNA structures, especially those arising during stalled DNA replication. The protein may be involved in repairing DNA damage and in maintaining genomic stability. It interacts with specific DNA structures including nicked Holliday junctions, 3'-flap structures and aberrant replication fork structures. Alternative splicing results in multiple transcript variants.