



Anti-EME1 (aa 504-553) polyclonal antibody (CABT-BL1366)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to a region within the internal sequence amino acids 504-553 (YPSPQLLVQAYQQCFSDKERQNLADIQVRRGEGVTSTS RRIGPELSRRI) of Human EME1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Nucleus, nucleolus. Note: Recruited to regions of DNA damage in S-phase cells.
Format	Liquid
Buffer	2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	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
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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.

GENE INFORMATION

Entrez Gene ID	146956
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Protein Refseq	NP_689676
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UniProt ID	Q96AY2
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