

Datasheet for ABIN873042

**anti-Crossover junction endonuclease EME1 (EME1) (AA 412-500) antibody**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Crossover junction endonuclease EME1 (EME1)
Binding Specificity:	AA 412-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EME1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Sheep,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	Crossover junction endonuclease EME1 (EME1)
Alternative Name:	EME1 ( <a href="#">EME1 Products</a> )

## Target Details

Background:	<p>Synonyms: Crossover junction endonuclease EME1, Eme1 essential meiotic endonuclease 1 homolog 1 S. pombe, EME1, S. pombe, homolog of, 1, essential meiotic endonuclease 1 homolog 1 S pombe, Essential Meiotic Endonuclease 1 Homolog 1, essential meiotic endonuclease 1 homolog 2, Essential meiotic endonuclease 1, S. pombe, homolog of, 1, hMMS4, homolog of yeast EME1 endonuclease, MMS4, MMS4 homolog, MMS4L, EME1_HUMAN.</p> <p>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.</p>
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Gene ID:	146956
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## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

## Handling

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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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