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EME2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16348b

Specification

EME2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	A4GXA9
Other Accession	NP_001010865.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**41178**
Antigen Region	**249-278**

EME2 Antibody (C-term) - Additional Information

Gene ID 197342

Other Names
Probable crossover junction endonuclease EME2, 3122-, EME2

Target/Specificity
This EME2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 249-278 amino acids from the C-terminal region of human EME2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
EME2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

EME2 Antibody (C-term) - Protein Information

Name EME2

Function Interacts with MUS81 to form a DNA structure-specific endonuclease which cleaves substrates such as 3'-flap structures.

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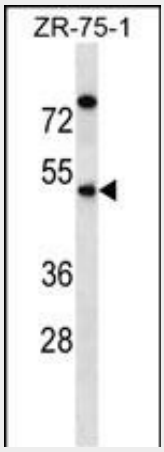
Cellular Location
Nucleus.

EME2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EME2 Antibody (C-term) - Images



EME2 Antibody (C-term) (Cat. #AP16348b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the EME2 antibody detected the EME2 protein (arrow).

EME2 Antibody (C-term) - Background

EME2 forms a heterodimer with MUS81 (MIM 606591) that functions as an XPF (MIM 278760)-type flap/fork endonuclease in DNA repair (Ciccia et al., 2007 [PubMed 17289582]).

EME2 Antibody (C-term) - References

Ciccia, A., et al. Mol. Cell 25(3):331-343(2007)
Ciccia, A., et al. J. Biol. Chem. 278(27):25172-25178(2003)
Daniels, R.J., et al. Hum. Mol. Genet. 10(4):339-352(2001)