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Datasheet for ABIN2788792  
**anti-MUS81 antibody (C-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	MUS81
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUS81 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Sequence:	GETRGGGHRP ELLRELQLRH VTHTVRKLHV GDFVWVAQET NPRDPANPGE
Predicted Reactivity:	Cow: 79%, Dog: 86%, Human: 100%, Mouse: 79%, Pig: 83%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against MUS81. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	MUS81
Alternative Name:	MUS81 ( <a href="#">MUS81 Products</a> )
Background:	MUS81 interacts with EME1 and EME2 to form a DNA structure-specific endonuclease with substrate preference for branched DNA structures with a 5'-end at the branch nick. Typical

## Target Details

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substrates include 3'-flap structures, replication forks and nicked Holliday junctions. It may be required in mitosis for the processing of stalled or collapsed replication forks.

Alias Symbols: FLJ21012, FLJ44872, SLX3

Protein Interaction Partner: SLX4, vpr, EME1, PLK1, FBXL5, SLX1A, WEE1, EME2, SUMO2, SLX1B, MUS81, CHEK2, TERT, TERF2,

Protein Size: 551

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Molecular Weight: 61 kDa

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Gene ID: 80198

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NCBI Accession: [NM\\_025128](#), [NP\\_079404](#)

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UniProt: [Q96NY9](#)

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Pathways: [DNA Damage Repair](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 551 AA

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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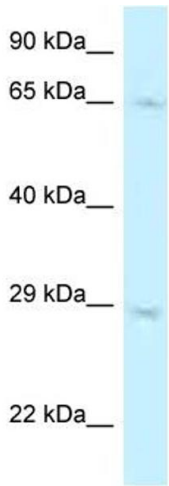
Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-MUS81 Antibody  
Catalog Number: ARP61405  
Lot Number: QC32121  
Lane: A549 Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

### Western Blotting

Image 1.