

Product datasheet for **TA357863**

MUS81 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Human, Mouse, Pig, Rat Homology: Cow: 79%; Dog: 86%; Human: 100%; Mouse: 79%; Pig: 83%; Rat: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	61kDa
Gene Name:	MUS81 structure-specific endonuclease subunit
Database Link:	NP_079404 Entrez Gene 80198 Human Q96NY9
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 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.
Synonyms:	FLJ21012; FLJ44872
Protein Pathways:	Homologous recombination

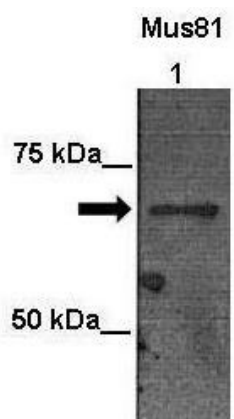


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Product images:



WB Suggested Anti-MUS81 Antibody
 Titration: 1.0 ug/ml
 Positive Control: A549 Whole Cell



See Immunoblot 2 Data and Customer Feedback
 for more Information

Lanes:
 Lane 1: 20ug 293T cell lysate
 Primary Antibody Dilution:
 1:1000
 Secondary Antibody:
 Anti-rabbit-HRP
 Secondary Antibody Dilution:
 1:5000
 Gene Name:
 MUS81
 Submitted by:
 Anonymous