

## Product datasheet for **TA357862**

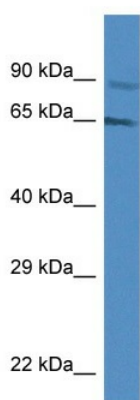
### MUS81 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Human, Rat <b>Homology:</b> Human: 100%; Rat: 85%
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:	<a href="#">NP_079404</a> <a href="#">Entrez Gene 80198 Human</a> <a href="#">Q96NY9</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 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: Jurkat Whole Cell  
MUS81 is supported by BioGPS gene expression data to be expressed in Jurkat