

Product datasheet for **TA330504**

NSMCE1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NSMCE1 antibody: synthetic peptide directed towards the N terminal of human NSMCE1. Synthetic peptide located within the following region: RPIYALVNLATTSISKMATDFAENELDLFRKALELIIDSETGFASSTNIL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	NSE1 homolog, SMC5-SMC6 complex component
Database Link:	NP_659547 Entrez Gene 197370 Human Q8WV22
Background:	NSMCE1 is a probable component of the SMC5-SMC6 complex, a complex involved in DNA double-strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double-strand breaks.
Synonyms:	NSE1
Note:	Immunogen sequence homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Goat: 93%; Horse: 93%; Bovine: 93%; Zebrafish: 79%
Protein Families:	Druggable Genome



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Product images:



WB Suggested Anti-NSMCE1 Antibody Titration:
2.5 ug/ml; Positive Control: HepG2 cell lysate