

#### OriGene Technologies, Inc.

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# Product datasheet for TA330504

## **NSMCE1 Rabbit Polyclonal Antibody**

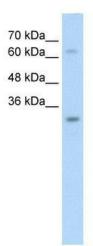
#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	lgG
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:	<u>NP_659547</u> <u>Entrez Gene 197370 Human</u> <u>Q8WV22</u>
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:	lmmunogen 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

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