

**Anti-NSE2 Antibody**  
**Catalog # AN2141****Specification**

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**Anti-NSE2 Antibody - Product Information**

Primary Accession	<a href="#">Q96MF7</a>
Host	<b>Rabbit</b>
Clonality	<b>Rabbit Polyclonal</b>
Isotype	<b>IgG</b>
Calculated MW	<b>27932</b>

**Anti-NSE2 Antibody - Additional Information**Gene ID **286053****Other Names**

E3 SUMO-protein ligase NSE2, NSMCE2, MMS21 homolog, Non-structural maintenance of chromosomes element 2 homolog, C8orf36, MMS21

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Anti-NSE2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

Blue Ice

**Anti-NSE2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-NSE2 Antibody - Images****Anti-NSE2 Antibody - Background**

The structural maintenance of chromosomes (SMC) family of proteins play essential roles in genomic stability. Nse1 and Nse2 are essential proteins and conserved from yeast to man and loss of function leads to similar terminal phenotypes to those observed for Smc5-6 inactivation. Data

suggests that like Smc5-6, Nse1, and Nse2 function in the homologous recombination repair of DNA double strand breaks.