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## Datasheet for ABIN7451060 anti-NSMCE2 antibody (AA 197-247)

### Overview

Quantity:	100 µg
Target:	NSMCE2
Binding Specificity:	AA 197-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSMCE2 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-MMS21 Antibody, Affinity Purified
Immunogen:	Between AA 197 and 247
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	NSMCE2
Alternative Name:	MMS21 ( <a href="#">NSMCE2 Products</a> )
Background:	Background: The human MMS21 (Methyl Methanesulfonate-Sensitivity protein 21) homolog is also known as E3 SUMO-protein ligase NSE2. MMS21 is an E3 SUMO-protein ligase component

## Target Details

of the SMC5-SMC6 complex, a complex involved in DNA double-strand break repair by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double-strand breaks [taken from the Universal Protein Resource (UniProt) Q96MF7].

Gene ID: 286053

NCBI Accession: [NP\\_775956](#)

UniProt: [Q96MF7](#)

## Application Details

Application Notes: IP: 2 - 10 µg/mg lysate  
WB: Not recommended. ABIN7451060 has not performed satisfactorily when used for WB of MMS21 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of MMS21.

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months