

# NSE2 Polyclonal Antibody

Cat No: HR1AP10731

For research use only

## Overview

Product Name	NSE2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	27kDa
GeneID?Human?	NSMCE2 C8orf36 MMS21
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>function:E3 SUMO-protein ligase 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. Acts as a E3 ligase mediating SUMO attachment to various proteins such as SMC6L1 and TRAX, and maybe the cohesin components RAD21 and STAG2. SUMO protein-ligase activity is required for the prevention of DNA damage-induced apoptosis by facilitating DNA repair.,pathway:Protein modification; protein sumoylation.,PTM:Sumoylated, possibly via autosumoylation.,similarity:Belongs to the NSE2 family.,similarity:Contains 1 SP-RING-type zinc finger.,subunit:Component of the SMC5-SMC6 complex which consists of SMC5, SMC6, NSMCE2/MMS21 and probably NSMCE1.,</p>