

Rabbit anti-Human NSMCE2 Polyclonal Antibody | anti-NSMCE2 antibody

NSMCE2 Antibody

CATALOG # AAA308930	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

NSMCE2; Polyclonal Antibody; NSMCE2 Antibody; NSE2; MMS21; ZMIZ7; C8orf36; anti-NSMCE2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total NSMCE2 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.7 mg/ml (varies by lot)
Sequence Length	247
Applicable Applications for anti-NSMCE2 antibody	IHC (Immunohistochemistry)
Immunogen	Full length fusion protein of human NSMCE2
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/40.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/40.

ADDITIONAL INFORMATION

Related Product Information for anti-NSMCE2 antibody	NSMCE2 is the 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. NSMCE2 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.
Product Categories/Family for anti-NSMCE2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27734761
NCBI GeneID	286053
NCBI Accession #	NP_775956.1
NCBI GenBank Nucleotide #	NM_173685.2
UniProt Accession #	Q96MF7; Q8N549
Molecular Weight	27,932 Da
NCBI Official Full Name	E3 SUMO-protein ligase NSE2
NCBI Official Synonym Full Names	NSE2/MMS21 homolog, SMC5-SMC6 complex SUMO ligase
NCBI Official Symbol	NSMCE2
NCBI Official Synonym Symbols	NSE2; MMS21; ZMIZ7; C8orf36
NCBI Protein Information	E3 SUMO-protein ligase NSE2
UniProt Protein Name	E3 SUMO-protein ligase NSE2
UniProt Gene Name	NSMCE2
UniProt Synonym Gene Names	C8orf36; MMS21; hMMS21; Non-SMC element 2 homolog
UniProt Entry Name	NSE2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nsmce2-antibody-immunohistochemistry-elisa/308930>