
MMS21 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254284

Unit: 0.1 mg

Description:

MMS21, also known as NSE2, is a SUMO ligase that in combination with the SMC5/6 complex is required for the prevention of DNA damage induced apoptosis by facilitating DNA repair in human cells. MMS21-dependent sumoylation is integral and important to the cohesion mechanism and mitotic progression; this function appears to be independent of SMC6. MMS21 mediates SUMO attachment to various proteins such as SMC6L1 and TRAX, and possibly the cohesin components RAD21 and STAG2.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: MMS21; E3 SUMO-protein ligase NSE2; Non-SMC element 2; NSMCE2; MMS21 homolog

Accession No.: NP_775956

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human MMS21.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.