003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

NSMCE3 Polyclonal Antibody

Cat #: G-AB-03031

Host: Rabbit **Reactivity:** Human, Mouse

Isotype: IgG **Clonality:** Polyclonal

Overview:
The protein encoded by this gene is part of the SMC5-6 chromatin reorganizing complex and is a member of the MAGE superfamily. This is an intronless gene. Component of the SMC5-SMC6 complex, a complex involved in repair of 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. The complex is required for telomere maintenance via recombination in ALT (alternative lengthening of telomeres) cell lines and mediates sumoylation of shelterin complex (telosome) components which is proposed to lead to shelterin complex disassembly in ALT-associated PML bodies (APBs).

Gene ID:

Accession #: NP_619649

Immunogen: Synthetic peptide of human NDNL2

Conjugation: Unconjugated

Swissprot: Q96MG7

Calculated Molecular Weight: 34 kDa

Observed Molecular Weight:

Concentration: 1.4 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:1000-1:5000, IHC 1:50-1:200

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