



SMC6 rabbit pAb

Cat No.:ES19931

For research use only

Overview

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|---------------------------------|---|
| Product Name | SMC6 rabbit pAb |
| Host species | Rabbit |
| Applications | WB |
| Species Cross-Reactivity | Human;Mouse |
| Recommended dilutions | WB 1:1000-2000 |
| Immunogen | Synthesized peptide derived from human SMC6 AA range: 719-769 |
| Specificity | This antibody detects endogenous levels of human SMC6 |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C . Avoid repeated freeze-thaw cycles. |
| Protein Name | Structural maintenance of chromosomes protein 6 (SMC protein 6) (SMC-6) (hSMC6) |
| Gene Name | SMC6 SMC6L1 |
| Cellular localization | Nucleus . Nucleus speckle . Chromosome . Nucleus, PML body . Chromosome, telomere . Colocalizes with SMC5 on the X-Y chromosome pair within the sex vesicle during late pachytene/diplotene (By similarity). Localizes to PML nuclear bodies in ALT cell lines (PubMed:17589526). Associates with chromatin (PubMed:25931565). Accumulates with RAD18 and the SLF1-SLF2 complex at replication-coupled DNA interstrand repair and DNA double-strand breaks (DSBs) sites on chromatin in a ubiquitin-dependent manner (PubMed:25931565). Localizes in interchromatin granule clusters (PubMed:11408570). . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |





ELK Biotechnology

Observed band

Human Gene ID 79677

Human Swiss-Prot Number Q96SB8

Alternative Names

Background



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