

# SMC6 rabbit pAb

Cat No.:ES19931

For research use only

## Overview

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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