



SMC6 rabbit pAb

Catalog No	YP-Ab-10252
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	SMC6 SMC6L1
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	hSMC6;SMC 6;SMC protein 6;SMC-6;SMC6L1;SMC6;SMC6 SMC6L1; Structural maintenance of chromosomes protein 6 (SMC protein 6) (SMC-6) (hSMC6)
Observed Band	130 kDa
Calculated Molecular Weight	126 kDa
Cell Pathway	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). .
Tissue Specificity	Widely expressed (PubMed:11408570). Strongly expressed in testis (PubMed:11408570).
Function	
Background	

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images