



Anti-SMC4 polyclonal antibody (CABT-B9018)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Between 1225 and C-term
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antibody was affinity purified using an epitope specific to SMC4 immobilized on solid support.
Conjugate	Unconjugated
Applications	WB, IP, ICC, IF, PLA
Format	Liquid
Size	100 µl
Buffer	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Preservative	0.09% Sodium Azide
Storage	2 - 8°C / 1 year from date of receipt

BACKGROUND

Introduction	<p>This gene belongs to the 'structural maintenance of chromosomes' (SMC) gene family. Members of this gene family play a role in two changes in chromosome structure during mitotic segregation of chromosomes- chromosome condensation and sister chromatid cohesion. The protein encoded by this gene is likely a subunit of the 13S condensin complex, which is involved in chromosome condensation. A pseudogene related to this gene is located on chromosome 2.</p>
---------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Keywords

SMC4; structural maintenance of chromosomes 4; CAPC; CAP-C; SMC-4; SMC4L1; hCAP-C; structural maintenance of chromosomes protein 4; SMC protein 4; XCAP-C homolog; chromosome-associated polypeptide C; SMC4 structural maintenance of chromosomes 4-like 1

GENE INFORMATION

Entrez Gene ID[10051](#)**UniProt ID**[Q58F29>Q58F29](#)