

SMC3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14319
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 1010-1090
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Structural maintenance of chromosomes protein 3
Synonyms	Structural maintenance of chromosomes protein 3 ;SMC protein 3;SMC-3;Basement membrane-associated chondroitin proteoglycan;Bamacan;Chondroitin sulfate proteoglycan 6;Chromosome-associated po

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene belongs to the SMC3 subfamily of SMC proteins. The encoded protein occurs in certain cell types as either an intracellular, nuclear protein or a secreted protein. The nuclear form, known as structural maintenance of chromosomes 3, is a component of the multimeric cohesin complex that holds together sister chromatids during mitosis, enabling proper chromosome segregation. Post-translational modification of the encoded protein by the addition of chondroitin sulfate chains gives rise to the secreted proteoglycan bamacan, an abundant basement membrane protein.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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