

Datasheet for ABIN6148126
anti-SMC4 antibody (AA 1-100)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SMC4
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SMC4 (NP_001275682.1).
Sequence:	MPRKGTQPST ARRREEGPPP PSPDGASSDA EPEPPSGRTE SPATAAAMTN EAGAPRLMIT HIVNQNFKSY AGEKILGPFH KRFSCIIGPN GSGKSNVIDS
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	SMC4
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Target Details

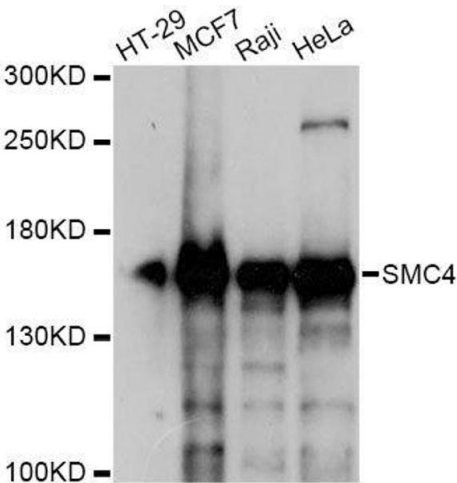
Alternative Name:	SMC4 (SMC4 Products)
Background:	This gene belongs to the 'structural maintenance of chromosomes' (SMC) gene family. Members of this gene family play a role in two changes in chromosome structure during mitotic segregation of chromosomes- chromosome condensation and sister chromatid 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.,SMC4,CAP-C,CAPC,SMC-4,SMC4L1,hCAP-C,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,SMC4
Molecular Weight:	140 kDa/147 kDa
Gene ID:	10051
UniProt:	Q9NTJ3

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SMC4 antibody.