

## Datasheet for ABIN768653 anti-SMC2 antibody (C-Term)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	SMC2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SMC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	CAPE
Immunogen:	Peptide with sequence C-SKAKPPKGAHVEV, from the C Terminus of the protein sequence according to NP_006435.2.
Sequence:	SKAKPPKGAH VEV
Isotype:	IgG
Specificity:	Reported variants NP_006435.2, NP_001036015.1 and NP_001036016.1 represent identical protein
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: SMC2

Alternative Name: SMC2 ([SMC2 Products](#))

Background: SMC2, structural maintenance of chromosomes 2, PR00324, CAP-E, CAPE, FLJ10093, SMC2L1, hCAP-E, OTTHUMP00000021818, OTTHUMP00000021819, SMC protein 2, SMC-2, SMC2 (structural maintenance of chromosomes 2, yeast)-like 1, SMC2 structural maintenance of chrom

Molecular Weight: 136kDa according to NP\_006435.2

Gene ID: 10592

NCBI Accession: [NP\\_006435](#)

## Application Details

Application Notes: Western Blot: Approx 140 kDa band observed in lysates of cell line HeLa (calculated MW of 136 kDa according to NP\_006435.2). Recommended concentration: 0.2-0.6 µg/mL.  
Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN768653 (0.2µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.