

# SMC2 Polyclonal Antibody

<b>CATALOG #:</b>	3754-100
<b>AMOUNT:</b>	100 $\mu$ L
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Synthetic peptide of human SMC2

## FORMULATION:

100  $\mu$ L affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 1% BSA and 0.02% thimerosal.

**SPECIES REACTIVITY:** human

## STORAGE CONDITIONS:

Store at  $-20^{\circ}\text{C}$ . For long term storage, aliquot and freeze at  $-70^{\circ}\text{C}$ . Avoid repeated freeze/thaw cycles.

## BACKGROUND:

The alternative names for this product are: SMC2, Structural maintenance of chromosome 2, SMC2L1, structural maintenance of chromosome 2-like 1, CAPE, CAP-E, Hcap-E, human chromosome-associated protein E.

## SPECIFICITY:

The antibody recognizes the SMC2 of human origin. Reactivity to other species has not been tested.

## APPLICATION:

The antibody can be used in Western blotting (1:500 – 1:2000). However, the optimal concentrations should be determined individually. HEK293T cell lysate can be used as a positive control.

**USAGE:** *For Research Use Only. Not to be used in humans.*

## RELATED PRODUCTS:

### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- $\beta$ -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

### Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies