

For Research Use Only

# SMC4 Recombinant antibody

Catalog Number: 86182-1-RR



## Basic Information

**Catalog Number:**

86182-1-RR

**Size:**

100ul , Concentration: 1000 µg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19156

**GenBank Accession Number:**

BC106033

**GeneID (NCBI):**

10051

**UNIPROT ID:**

Q9NTJ3

**Full Name:**

structural maintenance of chromosomes 4

**Calculated MW:**

1288 aa, 147 kDa

**Observed MW:**

170-180 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

250782E1

**Recommended Dilutions:**

WB: 1:5000-1:50000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : HeLa cells, HEK-293 cells, A431 cells, MCF-7 cells, NIH/3T3 cells, C6 cells

## Background Information

SMC4, also named as Structural maintenance of chromosomes protein 4, is a 1288 amino acid protein, which is widely expressed and belongs to the SMC family, SMC4 subfamily. SMC4 is a Central component of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

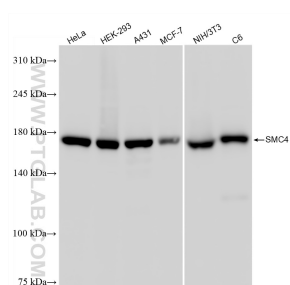
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86182-1-RR (SMC4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.