

For Research Use Only

SMC4 Recombinant antibody

Catalog Number: 86182-1-RR



Basic Information

Catalog Number:

86182-1-RR

Concentration:

1000 µg/ml

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

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

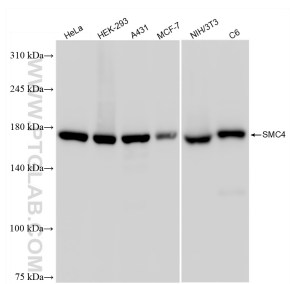
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Selected Validation Data



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.