

For Research Use Only

NSMCE1 Polyclonal antibody

Catalog Number:32113-1-AP



Basic Information

Catalog Number:

32113-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36841

GenBank Accession Number:

BC018938

GeneID (NCBI):

197370

UNIPROT ID:

Q8WV22

Full Name:

non-SMC element 1 homolog (S. cerevisiae)

Calculated MW:

31 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HL-60 cells, HepG2 cells, LNCaP cells, Raji cells, U-87 MG cells

Background Information

Non-structural maintenance of chromosomes element 1 homolog (NSMCE1, also known as NSE1) located in the nucleoplasm, which involves the maintenance of genome integrity, DNA damage response, and DNA repair (PMID: 18086888; 20864041; 29225034). NSMCE3/MAGEG1 and NSMCE1 ubiquitin ligase are components of the SMC5-SMC6 complex and may positively regulate homologous recombination-mediated DNA repair (PMID: 18086888).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

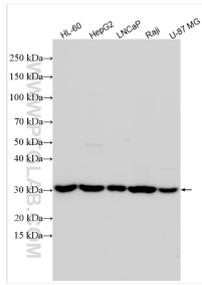
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32113-1-AP (NSMCE1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.