

For Research Use Only

C3orf37 Polyclonal antibody

Catalog Number: 31791-1-AP



Basic Information

Catalog Number:

31791-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36362

GenBank Accession Number:

BC009993

GeneID (NCBI):

56941

UNIPROT ID:

Q96FZ2

Full Name:

chromosome 3 open reading frame 37

Observed MW:

36 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : rat testis tissue, HEK-293T cells, MCF-7 cells,
mouse testis tissue

Background Information

HMCES, also known as C3orf37, is a protein that is associated with the protection of abasic sites. The molecular mass of HMCES is 40 kDa and it recognizes AP sites in ssDNA at replication forks and chemically modifies the lesion to generate a DNA-protein crosslink (PMID: 30554877).

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

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

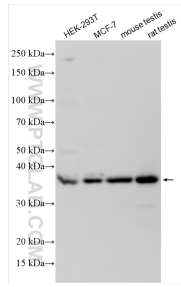
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31791-1-AP (C3orf37 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.