

For Research Use Only

ZMPSTE24 Recombinant antibody

Catalog Number: 84547-1-RR



Basic Information

Catalog Number:

84547-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33613

GenBank Accession Number:

BC037283

GeneID (NCBI):

10269

UNIPROT ID:

O75844

Full Name:

zinc metalloproteinase (STE24 homolog, *S. cerevisiae*)

Calculated MW:

475 aa, 55 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

241288C11

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HEK-293 cells, PC-3 cells, SKOV-3 cells

Background Information

ZMPSTE24(CAAX prenyl protease 1 homolog) gene encodes a zinc metalloproteinase involved in the processing of farnesylated proteins(PubMed: 10373325). The significance of ZMPSTE24 in human disease stems from its role as an enzyme necessary for the correct processing and maturation of lamin A ,an intermediate filament component of the nuclear envelope (PubMed: 16297189).

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:

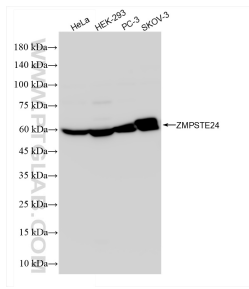
T: 4006900926

E: Proteintech-CN@ptglab.com

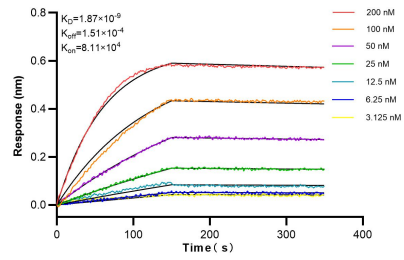
W: ptgcn.com

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 84547-1-RR (ZMPSTE24 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84547-1-RR against Human ZMPSTE24 were performed. The affinity constant is 1.87 nM.