

For Research Use Only

ZMPSTE24 Recombinant antibody, PBS Only

Catalog Number: 84547-1-PBS



Basic Information

Catalog Number: 84547-1-PBS	GenBank Accession Number: BC037283	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 10269	CloneNo.: 241288C11
Source: Rabbit	UNIPROT ID: O75844	
Isotype: IgG	Full Name: zinc metalloproteinase (STE24 homolog, <i>S. cerevisiae</i>)	
Immunogen Catalog Number: AG33613	Calculated MW: 475 aa, 55 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

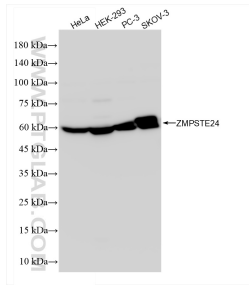
T: 4006900926

E: Proteintech-CN@ptglab.com

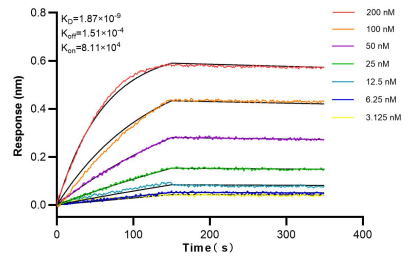
W: ptgcn.com

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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. This data was developed using the same antibody clone with 84547-1-PBS in a different storage buffer formulation.



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