

For Research Use Only

SIN1/MAPKAP1 Recombinant antibody

Catalog Number: 85702-4-RR



Basic Information

Catalog Number:

85702-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7753

GenBank Accession Number:

BC002326

GeneID (NCBI):

79109

UNIPROT ID:

Q9BPZ7

Full Name:

mitogen-activated protein kinase
associated protein 1

Calculated MW:

59 kDa

Observed MW:

65 kDa

Purification Method:

Protein A purification

CloneNo.:

242861G1

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : U-251 cells, MCF-7 cells, HaCaT cells

Background Information

Mitogen-activated protein kinase 2-associated protein 1 (MAPKAP1) is also named as MIP1 and SIN1. SIN1/MAPKAP1 is a major partner of mTORC2, acting as a scaffold and responsible for the substrate specificity of the mTOR catalytic subunit (PMID: 37877351). Besides as a component of mTORC2, MAPKAP1 also functions as MEKK2 and Ras-interacting protein and involves in regulating MEKK2 activation and RAS signaling (PMID: 31773361).

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:

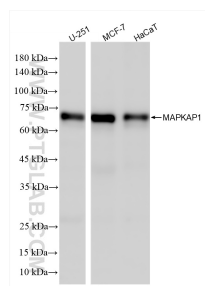
T: 4006900926

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 85702-4-RR (MAPKAP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.