

For Research Use Only

# SIN1/MAPKAP1 Recombinant antibody, PBS Only

Catalog Number: 85702-4-PBS



## Basic Information

Catalog Number: 85702-4-PBS	GenBank Accession Number: BC002326	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 79109	CloneNo.: 242861G1
Source: Rabbit	UNIPROT ID: Q9BPZ7	
Isotype: IgG	Full Name: mitogen-activated protein kinase associated protein 1	
Immunogen Catalog Number: AG7753	Calculated MW: 59 kDa	
	Observed MW: 65 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
human

## 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 -80°C.

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

Storage Buffer:  
PBS only, pH7.3

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

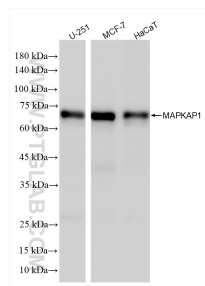
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## 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. This data was developed using the same antibody clone with 85702-4-PBS in a different storage buffer formulation.