

For Research Use Only

# SIN1/MAPKAP1 Recombinant antibody, PBS Only

Catalog Number: 85702-4-PBS



## Basic Information

Catalog Number:

85702-4-PBS

Size:

100ug, Concentration: 1 mg/ml by  
Nanodrop;

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

## 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.

Storage Buffer:

PBS only, pH7.3

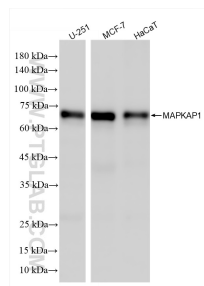
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## Selected Validation Data



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.