

For Research Use Only

SIN1/MAPKAP1 Recombinant antibody

Catalog Number: 85702-4-RR



Basic Information

Catalog Number: 85702-4-RR	GenBank Accession Number: BC002326	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 79109	CloneNo.: 242861G1
Source: Rabbit	UNIPROT ID: Q9BPZ7	Recommended Dilutions: WB: 1:2000-1:10000
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, ELISA	Positive Controls: WB : U-251 cells, MCF-7 cells, HaCaT cells
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

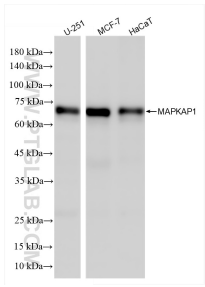
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.