

For Research Use Only

CAPRIN1 Recombinant antibody

Catalog Number: 81822-2-RR



Basic Information

Catalog Number: 81822-2-RR	GenBank Accession Number: BC001731	Purification Method: Protein A purification
Size: 100ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 4076	CloneNo.: 240094H1
Source: Rabbit	UNIPROT ID: Q14444	
Isotype: IgG	Full Name: cell cycle associated protein 1	
Immunogen Catalog Number: AG7099	Calculated MW: 78 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
Human

Background Information

CAPRIN1(Caprin-1) is a cytoplasmic phosphoprotein which may regulate the transport and translation of mRNAs of proteins involved in synaptic plasticity in neurons and cell proliferation and migration in multiple cell types. Its levels, except in the brain, are tightly correlated with cellular proliferation. Suppression of expression of human Caprin-1 resulted in slowing of the proliferation rate, which suggests its essential for normal cellular proliferation.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

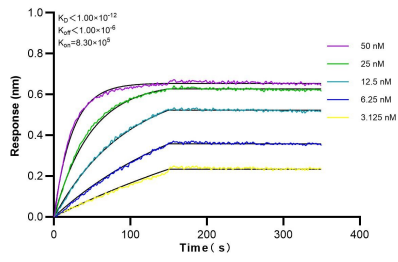
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Selected Validation Data



Biolayer interferometry (BLI) kinetic assays of 81822-2-RR against Human CAPRIN1 were performed. The affinity constant is below 1 pM.