

CAMSAP1 Recombinant antibody

Catalog Number: 83864-1-RR

Basic Information

Catalog Number:

83864-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC144082

GeneID (NCBI):

157922

UNIPROT ID:

Q5T5Y3

Full Name:

calmodulin regulated spectrin-associated protein 1

Calculated MW:

179 kDa

Observed MW:

150-160 kDa

Purification Method:

Protein A purification

CloneNo.:

240633H1

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : MCF-7 cells, Neuro-2a cells

IF/ICC : Neuro-2a cells,

Background Information

There are three members in the CAMSAP family of mammals, namely CAMSAP1-3. Despite having similar structures, these proteins have different distribution patterns within intracellular spaces and tissues. CAMSAP1 (Calmodulin-regulated spectrin-associated protein 1) is mainly expressed in nervous tissue, testis, and liver (PMID: 37903275).

Storage

Storage:

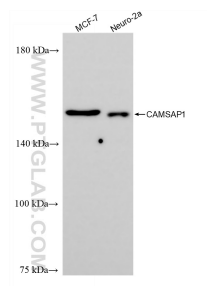
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

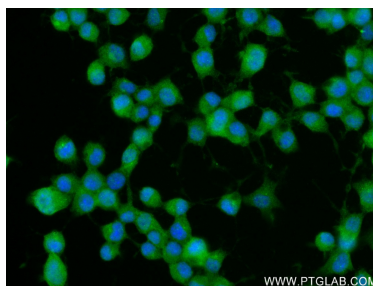
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83864-1-RR (CAMSAP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using CAMSAP1 antibody (83864-1-RR, Clone: 240633H1) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).