

For Research Use Only

Centrin 1 Recombinant monoclonal antibody

Catalog Number: 85637-2-RR



Basic Information

Catalog Number:

85637-2-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3529

GenBank Accession Number:

BC029515

GeneID (NCBI):

1068

UNIPROT ID:

Q12798

Full Name:

centrin, EF-hand protein, 1

Calculated MW:

172 aa, 20 kDa

Observed MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

243013C4

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : human testis tissue, mouse testis tissue, rat testis tissue

Background Information

EF-hand type Ca²⁺-binding proteins consists of several family members, including Centrin-1, Centrin-2 and Centrin-3. The Centrin proteins are ubiquitously expressed cytoskeletal components that show increased expression during cell differentiation. Centrin-1 plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. Centrin-1 is localized to the centrosome of interphase cells, and redistributes to the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle.

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

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

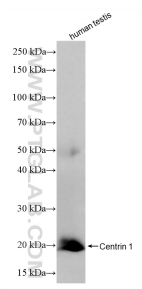
T: 4006900926

E: Proteintech-CN@ptglab.com

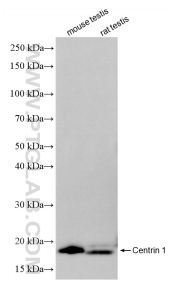
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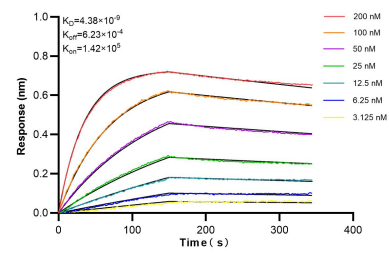
Selected Validation Data



Human testis tissue was subjected to SDS PAGE followed by western blot with 85637-2-RR (CETN1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 85637-2-RR (CETN1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85637-2-RR against Human Centrin 1 were performed. The affinity constant is 4.38 nM.