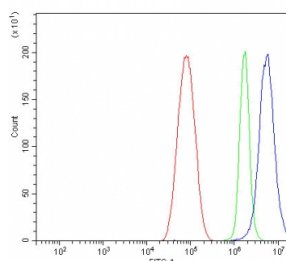


Calponin 3 Antibody / CNN3 (RQ7969)

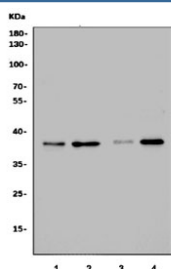
Catalog No.	Formulation	Size
RQ7969	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q15417
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This Calponin 3 antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with Calponin 3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Calponin 3 antibody.



Western blot testing of 1) rat brain, 2) rat PC-12, 3) human U-2 OS and 4) human HepG2 cell lysate with Calponin 3 antibody. Predicted molecular weight ~36 kDa.

Description

Calponin 3 is a protein that in humans is encoded by the CNN3 gene. This gene encodes a protein with a markedly acidic C terminus; the basic N-terminus is highly homologous to the N-terminus of a related gene, CNN1. Members of the CNN gene family all contain similar tandemly repeated motifs. This encoded protein is associated with the cytoskeleton but is not involved in contraction.

Application Notes

Optimal dilution of the Calponin 3 antibody should be determined by the researcher.

Immunogen

Amino acids RRDIYDQKLTLPV were used as the immunogen for the Calponin 3 antibody.

Storage

After reconstitution, the Calponin 3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.