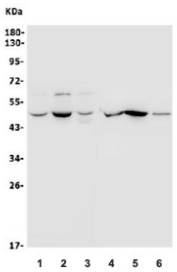
ACTR3 Antibody / Arp3 (RQ5866)

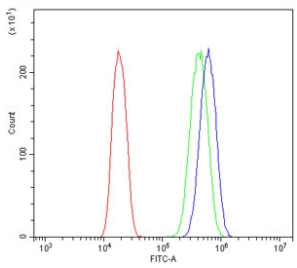
Catalog No.	Formulation	Size
RQ5866	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

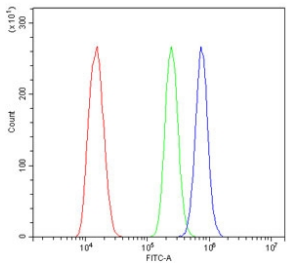
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P61158
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This ACTR3 antibody is available for research use only.



Western blot testing of human 1) A549, 2) PC-3, 3) U-2 OS, 4) rat kidney, 5) rat spleen and 6) mouse spleen lysate with ACTR3 antibody. Predicted molecular weight ~47 kDa.



Flow cytometry testing of human A431 cells with ACTR3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ACTR3 antibody.



Flow cytometry testing of mouse ANA-1 cells with ACTR3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ACTR3 antibody.

Description

The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Three transcript variants encoding two different isoforms have been found for this gene.

Application Notes

Optimal dilution of the ACTR3 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-S418) was used as the immunogen for the ACTR3 antibody.

Storage

After reconstitution, the ACTR3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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