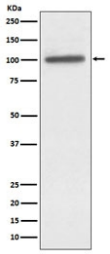
ACTN4 Antibody / Alpha Actinin 4 [clone ACIO-1] (RQ4747)

Catalog No.	Formulation	Size
RQ4747	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ACIO-1
Purity	Affinity purified
UniProt	O43707
Applications	Western blot: 1:500-1:2000
Limitations	This ACTN4 antibody is available for research use only.



Western blot testing of human A431 cell lysate with ACTN4 antibody. Predicted molecular weight ~105 kDa.

Description

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation.

Application Notes

Optimal dilution of the ACTN4 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Alpha Actinin 4 / ACTN4 was used as the immunogen for the ACTN4 antibody.

Storage

Store the ACTN4 antibody at -20oC.

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