



Actinin-α3 Polyclonal Antibody

Cat #: ABP50596

Size: 30μl /100μl /200μl

Product Information

	Product Name: Actinin-α3 Polyclonal Antibody		
	Applications: WB , IF, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP50596	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: ACTN3 encodes a member of the alpha-actin binding protein gene family. Actinin alpha 3 (gene/pseudogene) is primarily expressed in skeletal muscle and functions as a structural component of sarcomeric Z line. This protein is involved in crosslinking actin containing thin filaments. An allelic polymorphism in this gene results in both coding and non-coding variants; the reference genome represents the coding allele. The non-functional allele of ACTN3 is associated with elite athlete status.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

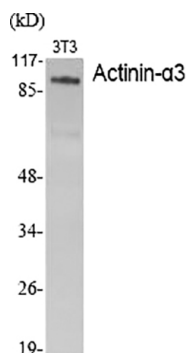


Fig.1. Western Blot analysis of various cells using Actinin-α3 Polyclonal Antibody.

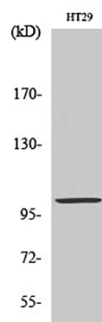


Fig.2. Western Blot analysis of HT29 cells using Actinin- α 3 Polyclonal Antibody.

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