



Adducin α/β Polyclonal Antibody

Cat #: ABP50605

Size: 30 μ l /100 μ l /200 μ l

Product Information

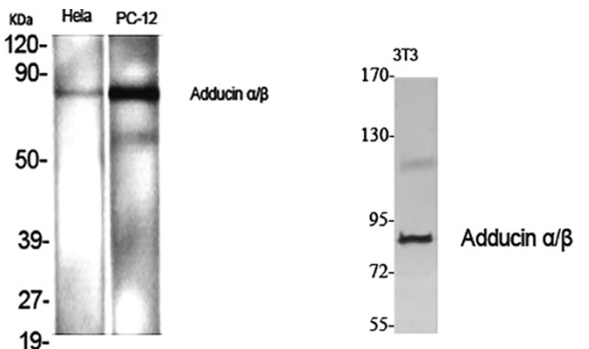
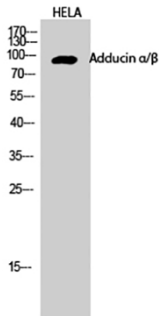
	Product Name: Adducin α/β Polyclonal Antibody		
	Applications: WB , IHC-P, IP, IF, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP50605	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: Adducins are a family of cytoskeleton proteins encoded by three genes (alpha, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Alpha- and gamma-adducins are ubiquitously expressed. In contrast, beta-adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to Ca (2+)/calmodulin and is a substrate for protein kinases A and C. Alternative splicing results in multiple variants encoding distinct isoforms; however, not all variants have been fully described.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IP(2-5 ug/mg lysate), IF (1:200-1:1000), ELISA (1:40000). Not yet tested in other appli

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.

 <p>Western blot analysis of various cells (Hela, PC-12, 3T3) using Adducin α/β Polyclonal Antibody. The blot shows bands for Adducin α/β in Hela and PC-12 lanes, and a band for Adducin α/β in the 3T3 lane. Molecular weight markers are indicated on the left (120, 90, 50, 39, 27, 19 kDa) and right (170, 130, 95, 72, 55 kDa).</p>	<p>Fig.1. Western Blot analysis of various cells using Adducin α/β Polyclonal Antibody diluted at 1:1000.</p>
 <p>Western blot analysis of HELA cells using Adducin α/β Polyclonal Antibody. The blot shows a band for Adducin α/β in the HELA lane. Molecular weight markers are indicated on the left (170, 130, 100, 70, 55, 40, 35, 25, 15 kDa).</p>	<p>Fig.2. Western Blot analysis of HELA cells using Adducin α/β Polyclonal Antibody diluted at 1:1000.</p>

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