



Rabbit Anti-phospho-alpha Adducin (Ser726) antibody

SL6189R

Product Name:	phospho-alpha Adducin (Ser726)
Chinese Name:	磷酸化内收蛋白a1抗体
Alias:	alpha Adducin(phospho Ser726); alpha Adducin(phospho S726); ADD 1; ADD A; ADD1; ADD1 protein; ADDA; ADDA_HUMAN; Adducin 1 (alpha); Adducin 1 alpha; Alpha adducin; Alpha-adducin; Erythrocyte adducin alpha subunit; Erythrocyte adducin subunit alpha; MGC3339; MGC44427; OTTHUMP00000151163; OTTHUMP00000151164; OTTHUMP00000151165; OTTHUMP00000218664; OTTHUMP00000218665.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	81kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human alpha Adducin around the phosphorylation site of Ser726:TP(p-S)FL
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>Adducins are a family of cytoskeleton proteins encoded by three genes (alpha, beta and gamma). Adducin is a protein associated with the inner leaflet of the plasma membrane and is one of the proteins localized at the spectrin-Actin junction of the membrane skeleton. The cortical Actin cytoskeletal network is lost during apoptosis and Adducins are central in the cortical Actin network organization. Adducin alpha is a cytoskeletal protein involved with sodium-pump activity in the renal tubule and is associated with hypertension. The expression of Adducin alpha and Adducin gamma is ubiquitous in contrast to the restricted expression of Adducin beta . Adducin beta is expressed at high levels in brain and hematopoietic tissues, such as bone marrow in humans and spleen in mice.</p> <p>Function: Membrane-cytoskeleton-associated protein that promotes the assembly of the spectrin-actin network. Binds to calmodulin.</p> <p>Subunit: Heterodimer of an alpha and a beta subunit or an alpha and a gamma subunit.</p> <p>Subcellular Location: Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side.</p> <p>Tissue Specificity: Expressed in all tissues. Found in much higher levels in reticulocytes than the beta subunit.</p> <p>Similarity: Belongs to the aldolase class II family. Adducin subfamily.</p> <p>SWISS: P35611</p> <p>Gene ID: 118</p> <p>Database links:</p> <p>Entrez Gene: 118Human</p> <p>Entrez Gene: 11518Mouse</p> <p>Entrez Gene: 24170Rat</p> <p>Omim: 102680Human</p>

[SwissProt: P35611](#)Human

[SwissProt: Q9QYC0](#)Mouse

[SwissProt: Q63028](#)Rat

[Unigene: 183706](#)Human

[Unigene: 289106](#)Mouse

[Unigene: 5788](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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