

产品名称: Adducin α/β (phospho Ser726/713) Rabbit Polyclonal Antibody
产品货号: APRab04204



产品概述 (Summary)

产品名称 (Production Name)	Adducin α/β (phospho Ser726/713) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ADD1/ADD2
别名 (Alternative Names)	ADD1; ADDA; Alpha-adducin; Erythrocyte adducin subunit alpha; ADD2; ADDB; Beta-adducin; Erythrocyte adducin subunit beta
基因 ID (Gene ID)	118/119
蛋白 ID (SwissProt ID)	P35611/P35612.The antiserum was produced against synthesized peptide derived from human ADD1 around the phosphorylation site of Ser726. AA range:688-737

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
----------------------	---

产品名称: Adducin α/β (phospho Ser726/713) Rabbit Polyclonal Antibody
产品货号: APRab04204



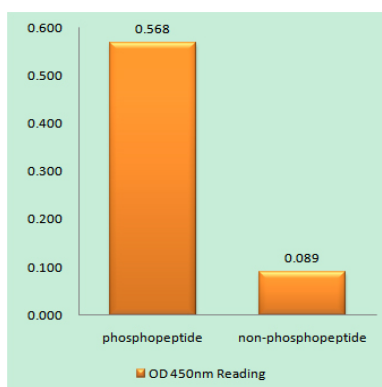
蛋白分子量 (Molecular Weight) 80kDa

研究背景 (Background)

adducin 1(ADD1) Homo sapiens 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. [provided by RefSeq, Jul 2008],alternative products:Additional isoforms seem to exist,domain:Each subunit is comprised of three regions: a NH2-terminal protease-resistant globular head region, a short connecting subdomain, and a protease-sensitive tail region.,function:Membrane-cytoskeleton-associated protein that promotes the assembly of the spectrin-actin network. Binds to calmodulin.,PTM:The N-terminus is blocked.,similarity:Belongs to the aldolase class II family. Adducin subfamily.,subunit:Heterodimer of an alpha and a beta subunit or an alpha and a gamma subunit. Binds ROCK1.,tissue specificity:Expressed in all tissues. Found in much higher levels in reticulocytes than the beta subunit.,

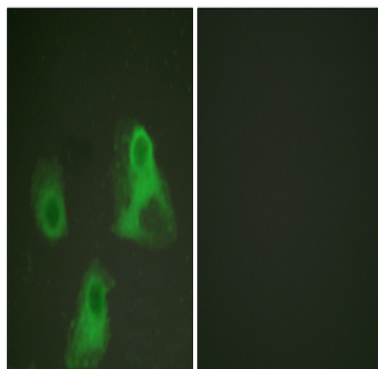
研究领域 (Research Area)

图片 (Image Data)

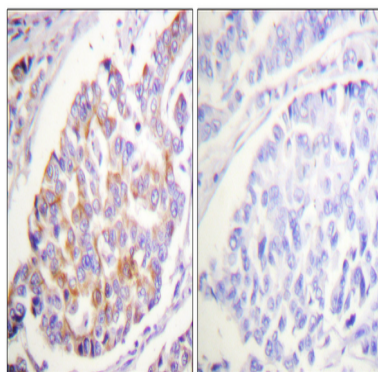


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using ADD1 (Phospho-Ser726) Antibody

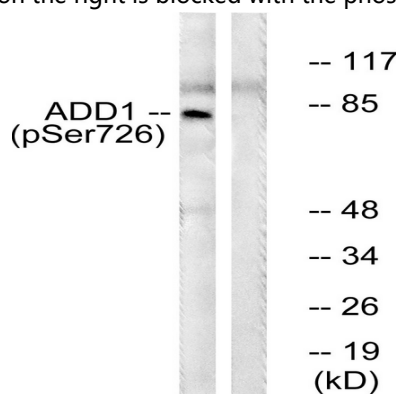
产品名称: Adducin α/β (phospho Ser726/713) Rabbit
Polyclonal Antibody
产品货号: APRab04204



Immunofluorescence analysis of HeLa cells, using ADD1 (Phospho-Ser726) Antibody. The picture on the right is blocked with the phospho peptide.

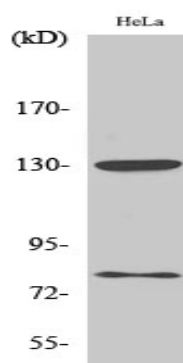


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using ADD1 (Phospho-Ser726) Antibody. The picture on the right is blocked with the phospho peptide.

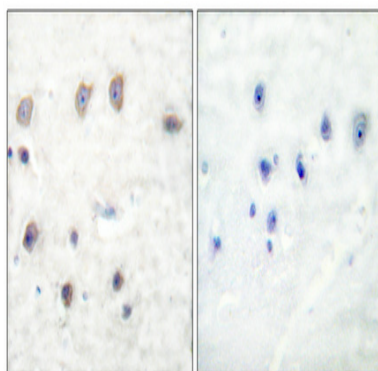


Western blot analysis of lysates from HeLa cells treated with Forskolin 40nM 30', using ADD1 (Phospho-Ser726) Antibody. The lane on the right is blocked with the phospho peptide.

产品名称: Adducin α/β (phospho Ser726/713) Rabbit
Polyclonal Antibody
产品货号: APRab04204



Western Blot analysis of various cells using Phospho-Adducin α/β (S726/713) Polyclonal Antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°, overnight) .
High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .