

产品名称: FAK (Phospho-Ser 722) Mouse Monoclonal Antibody
产品货号: AMM86146



产品概述 (Summary)

产品名称 (Production Name)	FAK (Phospho-Ser 722) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,IP
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)	Monoclonal
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)	Purified antibody in TBS with 0.05% sodium azide, 1% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	FAK (Phospho-Ser 722) FADK 1 antibody</br> FADK antibody</br> FAK related non kinase polypeptide antibody</br> FAK1 antibody</br> FAK1_HUMAN antibody</br> Focal adhesion kinase 1 antibody</br> Focal adhesion Kinase antibody</br> Focal adhesion kinase isoform FAK Del33 antibody</br> Focal adhesion kinase related nonkinase antibody</br> FRNK antibody</br> p125FAK antibody</br> pp125FAK antibody</br> PPP1R71 antibody</br> Protein phosphatase 1 regulatory subunit 71 antibody</br> Protein tyrosine kinase 2 antibody</br> Protein-tyrosine kinase 2 antibody</br> Ptk2 antibody</br> PTK2 protein tyrosine kinase 2 antibody</br>
别名 (Alternative Names)	
基因 ID (Gene ID)	5747;

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蛋白 ID (SwissProt ID) Q05397.peptide

产品应用 (Application)

稀释比 (Dilution Ratio) WB 1:500-1:2000,IHC 1:50-1:500,IP 1:20-1:50

蛋白分子量 (Molecular Weight) 125kDa

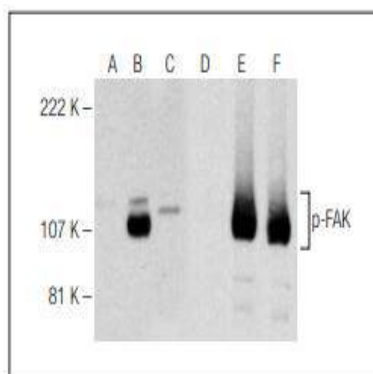
研究背景 (Background)

Activation of integrins in the extracellular matrix (ECM) of eukaryotic cells promotes the formation of membrane adhesion complexes, known as focal adhesions, which can include cytoskeletal proteins and protein tyrosine kinases, such as focal adhesion kinase (FAK). Phosphorylation events occurring within focal adhesions influence numerous processes that include mitogenic signaling, cell survival and cell motility. FAK is a non-receptor tyrosine kinase that is ubiquitously expressed and highly conserved between species. FAK is recruited by integrin clusters and variably phosphorylated depending on the effector molecules present in the focal adhesion. Phosphorylation of FAK Tyr 397 decreases during serum starvation, contact inhibition and cell cycle arrest, all conditions under which activating FAK Tyr 407 phosphorylation increases.

研究领域 (Research Area)

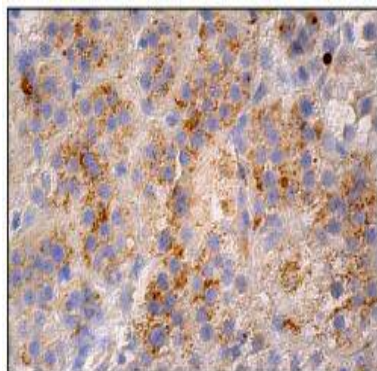
PI3K-Akt signaling pathway

图片 (Image Data)



A. Western blot analysis of FAK phosphorylation in non-transfected:(A,D), untreated human FAK transfected:(B,E) and lambda protein phosphatase treated human FAK transfected:(C,F) 293T whole cell lysates. Antibodies tested include p-FAK (A-12): (A,B,C) and FAK (C-903):(D,E,F).

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B.Immunoperoxidase staining of formalin fixed, paraffin-embedded human adrenal gland tissue showing cytoplasmic staining of glandular cells.

注意事项 (Note)

For research use only .