

产品名称: Zyxin (phospho Ser142) Rabbit Polyclonal Antibody
产品货号: APRab05647



产品概述 (Summary)

产品名称 (Production Name)	Zyxin (phospho Ser142) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

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)	ZYX
别名 (Alternative Names)	ZYX; Zyxin; Zyxin-2
基因 ID (Gene ID)	7791.0
蛋白 ID (SwissProt ID)	Q15942.The antiserum was produced against synthesized peptide derived from human Zyxin around the phosphorylation site of Ser142. AA range:108-157

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	61kDa

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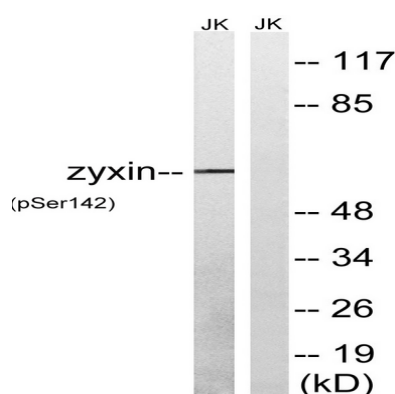
研究背景 (Background)

Focal adhesions are actin-rich structures that enable cells to adhere to the extracellular matrix and at which protein complexes involved in signal transduction assemble. Zyxin is a zinc-binding phosphoprotein that concentrates at focal adhesions and along the actin cytoskeleton. Zyxin has an N-terminal proline-rich domain and three LIM domains in its C-terminal half. The proline-rich domain may interact with SH3 domains of proteins involved in signal transduction pathways while the LIM domains are likely involved in protein-protein binding. Zyxin may function as a messenger in the signal transduction pathway that mediates adhesion-stimulated changes in gene expression and may modulate the cytoskeletal organization of actin bundles. Alternative splicing results in multiple transcript variants that encode the same isoform. [provided by RefSeq, Jul 2008],function:Adhesion plaque protein. Binds alpha-actinin and the CRP protein. May be a component of a signal transduction pathway that mediates adhesion-stimulated changes in gene expression.,similarity:Belongs to the zyxin/ajuba family.,similarity:Contains 3 LIM zinc-binding domains.,subcellular location:Associates with the actin cytoskeleton near the adhesion plaques. Enters the nucleus in the presence of HESX1.,subunit:Interacts with HPV type 6 protein E6. Does not interact significantly with E6 proteins from HPV types 11, 16, or 18. Interacts, via the Pro-rich regions, with the EVH1 domains of ENAH and VASP. Interaction with ENA/VASP family members is important for their targeting to focal adhesions and the formation of actin-rich structures.,

研究领域 (Research Area)

Focal adhesion;

图片 (Image Data)



Western blot analysis of lysates from Jurkat cells treated with paclitaxel 1uM 24h, using Zyxin (Phospho-Ser142) Antibody.
The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .