

产品名称: ILK (13L8) Rabbit Monoclonal Antibody
产品货号: AMRe12578



产品概述 (Summary)

产品名称 (Production Name)	ILK (13L8) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
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)	Unmodified
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ILK
别名 (Alternative Names)	ILK; DKFZp686F1765; P59; ILK1; Integrin linked protein kinas;
基因 ID (Gene ID)	3611.0
蛋白 ID (SwissProt ID)	Q13418.A synthetic peptide of human Integrin linked ILK

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	51kDa

研究背景 (Background)

Integrin-linked kinases (ILKs) couple integrins and growth factors to downstream pathways involved in cell survival, cell

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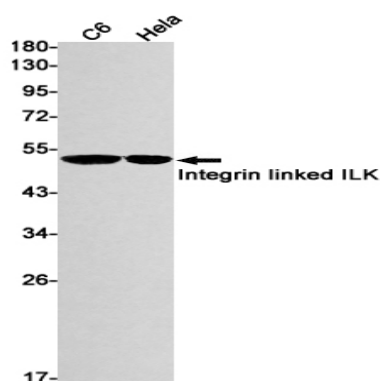


cycle control, cell-cell adhesion and cell motility. ILK functions as a scaffold bridging the extracellular matrix (ECM) and growth factor receptors to the actin cytoskeleton through interactions with integrin, PINCH (which links ILK to the RTKs via Nck2), CH-ILKBP and affixin. Receptor-proximal protein kinase regulating integrin-mediated signal transduction (PubMed: [8538749](http://www.uniprot.org/citations/8538749), PubMed: [9736715](http://www.uniprot.org/citations/9736715)). May act as a mediator of inside-out integrin signaling (PubMed: [10712922](http://www.uniprot.org/citations/10712922)). Focal adhesion protein part of the complex ILK-PINCH (PubMed: [10712922](http://www.uniprot.org/citations/10712922)). This complex is considered to be one of the convergence points of integrin- and growth factor-signaling pathway (PubMed: [10712922](http://www.uniprot.org/citations/10712922)). Could be implicated in mediating cell architecture, adhesion to integrin substrates and anchorage-dependent growth in epithelial cells (PubMed: [10712922](http://www.uniprot.org/citations/10712922)). Regulates cell motility by forming a complex with PARVB (PubMed: [32528174](http://www.uniprot.org/citations/32528174)). Phosphorylates beta-1 and beta-3 integrin subunit on serine and threonine residues, but also AKT1 and GSK3B (PubMed: [8538749](http://www.uniprot.org/citations/8538749), PubMed: [9736715](http://www.uniprot.org/citations/9736715)).

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot detection of Integrin linked ILK in C6, HeLa cell lysates using Integrin linked ILK antibody (1:1000 diluted).

注意事项 (Note)

For research use only.