

# Recombinant Human Integrin linked ILK protein ab83119

## 2 图像

### 描述

产品名称	重组人Integrin linked ILK蛋白
纯度	> 95 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<b><u>Q13418</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
氨基酸	1 to 452
标签	His tag N-Terminus

### 技术指标

Our **Abpromise guarantee** covers the use of **ab83119** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
	Western blot
形式	Liquid

### 制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
	pH: 7.20
	Constituents: PBS, 50% Glycerol

### 常规信息

功能	Receptor-proximal protein kinase regulating integrin-mediated signal transduction. May act as a mediator of inside-out integrin signaling. Focal adhesion protein part of the complex ILK-PINCH.
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This complex is considered to be one of the convergence points of integrin- and growth factor-signaling pathway. Could be implicated in mediating cell architecture, adhesion to integrin substrates and anchorage-dependent growth in epithelial cells. Phosphorylates beta-1 and beta-3 integrin subunit on serine and threonine residues, but also AKT1 and GSK3B.

#### 组织特异性

Highly expressed in heart followed by skeletal muscle, pancreas and kidney. Weakly expressed in placenta, lung and liver.

#### 序列相似性

Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family.

Contains 5 ANK repeats.

Contains 1 protein kinase domain.

#### 结构域

A PH-like domain is involved in phosphatidylinositol phosphate binding.

#### 翻译后修饰

Autophosphorylated on serine residues.

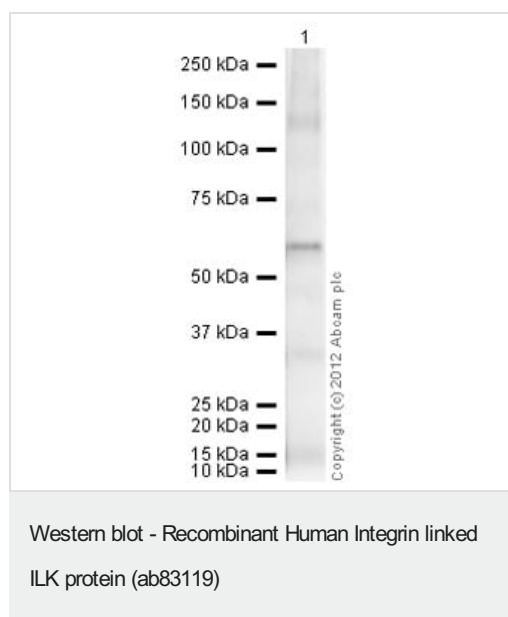
#### 细胞定位

Cell junction > focal adhesion. Cell membrane.

#### 图片



SDS-PAGE showing ab83119.



**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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