

Recombinant Human RICTOR protein ab112435

1 图像

描述		
产品名称	重组人RICTOR蛋白	
表达系统	Wheat germ	
Accession	<u>Q6R327</u>	
蛋白长度	Protein fragment	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	MAAIGRGRSLKNLRVGRNDSGEENVPLDLTREPSDNLREIL QNVARLQG VSNMRKLGHLLNNFTKLLCDIGHSEEKLGPHYEDIIICLRLL LNEAKE	
预测分子量	36 kDa including tags	
氨基酸	1 to 98	

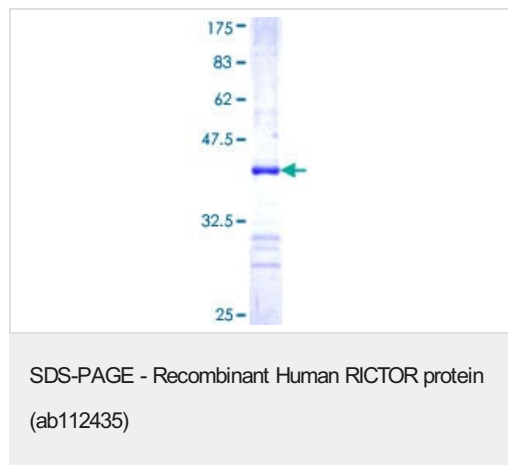
技术指标	
Our Abpromise guarantee covers the use of ab112435 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	ELISA SDS-PAGE Western blot
形式	Liquid

制备和贮存	
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

常规信息	
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功能	Subunit of mTORC2, which regulates cell growth and survival in response to hormonal signals. mTORC2 is activated by growth factors, but, in contrast to mTORC1, seems to be nutrient-insensitive. mTORC2 seems to function upstream of Rho GTPases to regulate the actin cytoskeleton, probably by activating one or more Rho-type guanine nucleotide exchange factors. mTORC2 promotes the serum-induced formation of stress-fibers or F-actin. mTORC2 plays a critical role in AKT1 'Ser-473' phosphorylation, which may facilitate the phosphorylation of the activation loop of AKT1 on 'Thr-308' by PDK1 which is a prerequisite for full activation. mTORC2 regulates the phosphorylation of SGK1 at 'Ser-422'. mTORC2 also modulates the phosphorylation of PRKCA on 'Ser-657'. Plays an essential role in embryonic growth and development.
序列相似性	Belongs to the RICTOR family.
翻译后修饰	Phosphorylated by MTOR; when part of mTORC2. Phosphorylated at Thr-1135 by RPS6KB1; phosphorylation of RICTOR inhibits mTORC2 and AKT1 signaling.

图片



ab112435 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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