

Recombinant Human KIAA0652/ATG13 protein ab127606

1 图像

描述

产品名称	重组人KIAA0652/ATG13蛋白
纯度	> 70 % Densitometry.
表达系统	Escherichia coli
Accession	<u>O75143</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	96 kDa including tags
氨基酸	1 to 517

技术指标

Our **Abpromise guarantee** covers the use of **ab127606** in the following tested applications.

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

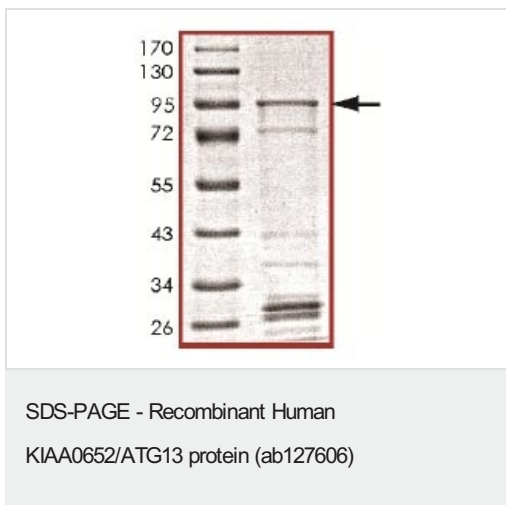
应用	SDS-PAGE Western blot
形式	Liquid
补充说明	This product was previously labelled as KIAA0652

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: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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功能	Autophagy factor required for autophagosome formation. Target of the TOR kinase signaling pathway that regulates autophagy through the control of the phosphorylation status of ATG13 and ULK1, and the regulation of the ATG13-ULK1-RB1CC1 complex.
序列相似性	Belongs to the ATG13 metazoan family.
翻译后修饰	Phosphorylated by ULK1 and ULK2. Phosphorylation status depends on nutrient-rich conditions; dephosphorylated during starvation or following treatment with rapamycin.
细胞定位	Cytoplasm > cytosol. Preautophagosomal structure. Under starvation conditions, is localized to punctate structures primarily representing the isolation membrane and the isolation membrane sequesters a portion of the cytoplasm resulting in autophagosome formation.

图片



SDS-PAGE analysis of ab127606.

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

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