

Recombinant Human SAE1 protein ab140413

1 图像

描述

产品名称	重组人SAE1蛋白
纯度	> 95 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<u>Q9UBE0</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre>MVEKEEAGGGISEEEAAQYDRQIRLWGLEAQKRLRASRVLLV GLKGLGAE IAKNLILAGVKGLTMLDHEQVTPEDPGAQFLIRTGSVGRNRA EASLERAQ NLNPMVDVKVDTEIDIEKKPESFFTQFDAVCLTCCSRDVIVKV DQICHKNS IKFFTGDVFGYHGTYFANLGEHEFVEEKTAKVKSQGVEDGP DTKRAKLD SSETTMVKKKVVFCPVKEALEVDWSSEKAKAALKRTTSDYFL LQVLLKFR TDKGRDPSSDYEEDSELLLQIRNDVLDLGLISPDLLPEDFV RYCFSEMA PVCVVGGILAQEIWKALSQRDPPHNNFFFDGMKNGIVEC LGPK</pre>
预测分子量	65 kDa including tags
氨基酸	1 to 346

技术指标

Our **Abpromise guarantee** covers the use of **ab140413** in the following tested applications.

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

应用	Western blot
	SDS-PAGE

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: 7.50

Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

常规信息

功能

The heterodimer acts as a E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2.

组织特异性

Expression level increases during S phase and drops in G2 phase (at protein level).

通路

Protein modification; protein sumoylation.

序列相似性

Belongs to the ubiquitin-activating E1 family.

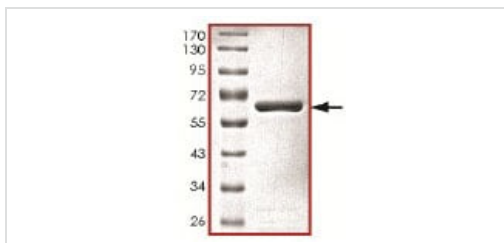
翻译后修饰

Phosphorylated upon DNA damage, probably by ATM or ATR.

细胞定位

Nucleus.

图片



SDS-PAGE analysis of ab140413.

SDS-PAGE - Recombinant Human SAE1 protein
(ab140413)

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