


Product datasheet

Anti-ASK1 antibody [A1] ab89420

1 图像

概述

产品名称	Anti-ASK1抗体[A1]
描述	小鼠单克隆抗体[A1] to ASK1
经测试应用	适用于: WB
种属反应性	与反应: Recombinant fragment 预测可用于: Human 
免疫原	Recombinant fragment, corresponding to amino acids 649 - 946 of Human ASK1 SwissProt:Q99683

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 10mM PBS, pH 7.2
纯度	Immunogen affinity purified
克隆	单克隆
克隆编号	A1
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab89420** in the following tested applications.

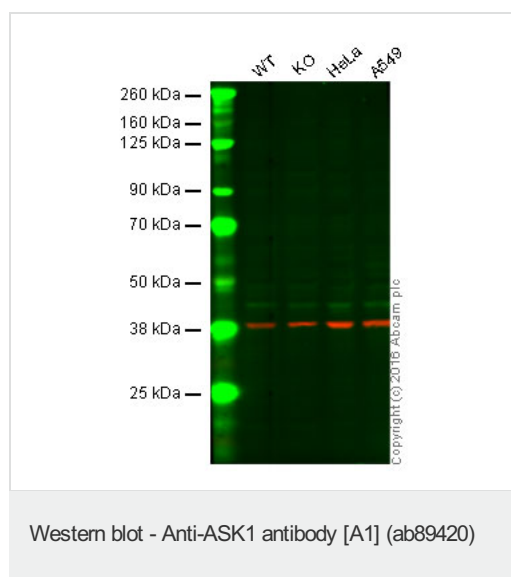
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/1000. Predicted molecular weight: 155 kDa.

靶标

功能	Component of a protein kinase signal transduction cascade. Phosphorylates and activates MAP2K4 and MAP2K6, which in turn activate the JNK and p38 MAP kinases, respectively. Overexpression induces apoptotic cell death.
组织特异性	Abundantly expressed in heart and pancreas.
序列相似性	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily. Contains 1 protein kinase domain.
翻译后修饰	Dephosphorylated and activated by PGAM5.

图片



Predicted band size : 155 kDa

Lane 1: Wild-type HAP1 cell lysate (40 µg)

Lane 2: ASK1 knockout HAP1 cell lysate (40 µg)

Lane 3: HeLa cell lysate (20 µg)

Lane 4: A549 cell lysate (20 µg)

Lanes 1 - 4: Merged signal (red and green).

Green - ab89420 observed at 155 and 160 kDa. Red - loading control, ab181602, observed at 37 kDa.

ab89420 was shown to recognize ASK1 when ASK1 knockout samples were used, along with additional cross-reactive bands. Wild-type and ASK1 knockout samples were subjected to SDS-PAGE. Ab89420 and ab181602 (loading control to GAPDH) were diluted at 1/500 and 1:10,000 dilution respectively and incubated overnight at 4C. Blots were developed with IRDye® 800CW Goat anti-Mouse IgG (H + L) and IRDye® 680 Goat anti-Rabbit IgG (H + L) secondary antibodies at 1:10,000 dilution for 1 hour at room temperature before imaging.

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