abcam

Product datasheet

Anti-SAE1 antibody ab56957

4 References 2 图像

概述

产品名称	Anti-SAE1抗体
描述	**小鼠单克隆抗体**to SAE1
宿主	Mouse
经测试应用	**适用于:** WB, IHC-P
种属反应性	**与反应:** Human
免疫原	Recombinant full length protein, corresponding to amino acids 1-347 of Human SAE1

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 PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG1
轻链类型	lambda

应用

The Abpromise guarantee **Abpromise™承诺保证使用**ab56957**于以下的**经测试应用

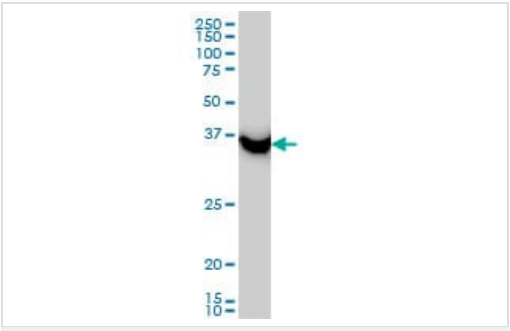
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 38 kDa.
IHC-P		Use a concentration of 3 µg/ml.

靶标

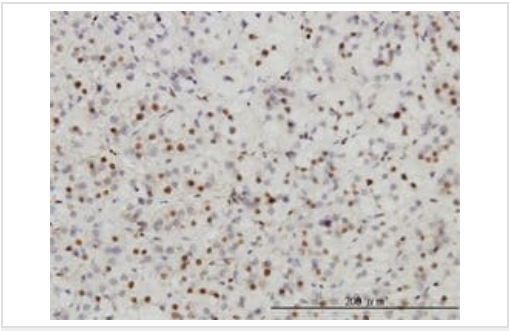
功能	The heterodimer acts as a E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2.
组织特异性	Expression level increases during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



Western blot - Anti-SAE1 antibody (ab56957)

SAE1 antibody (ab56957) at 1ug/lane + HeLa cell lysate at 25ug/lane.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SAE1 antibody (ab56957)

SAE1 antibody (ab56957) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human adrenal gland.

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