

Product datasheet

Anti-S100 Calcium Binding Protein A13 antibody ab89074

2 图像

概述

产品名称	Anti-S100 Calcium Binding蛋白A13抗体
描述	小鼠多克隆抗体to S100 Calcium Binding蛋白A13
宿主	Mouse
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human
免疫原	Full length Human S100 Calcium Binding Protein A13 protein, amino acids 1-98 (NP_001019381.1)
阳性对照	HepG2 cell lysate, S100 Calcium Binding Protein A13 transfected 293T cell lysate and HeLa cells.

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: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab89074** in the following tested applications.

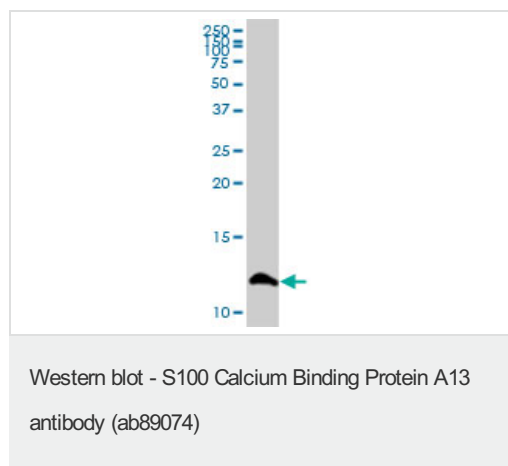
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 11 kDa.
ICC/IF		Use at an assay dependent concentration.

靶标

功能	Plays a role in the export of proteins that lack a signal peptide and are secreted by an alternative pathway. Binds two calcium ions per subunit. Binds one copper ion. Binding of one copper ion does not interfere with calcium binding. Required for the copper-dependent stress-induced export of IL1A and FGF1. The calcium-free protein binds to lipid vesicles containing phosphatidylserine, but not to vesicles containing phosphatidylcholine.
组织特异性	Expressed in heart and skeletal muscle.
序列相似性	Belongs to the S-100 family. Contains 2 EF-hand domains.
细胞定位	Cytoplasm. Secreted. Secretion is mediated by exposure to stress and requires copper ions.

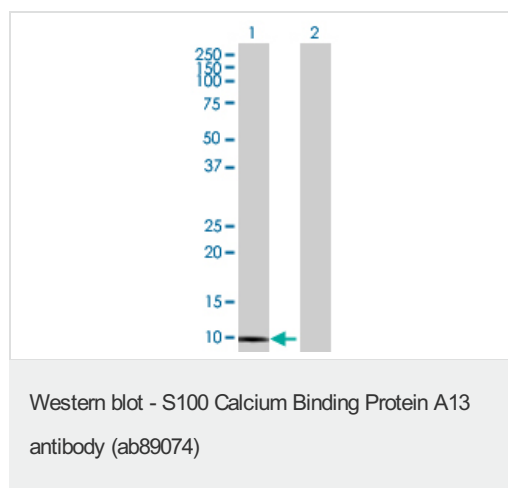
图片



Anti-S100 Calcium Binding Protein A13 antibody (ab89074) at 1/500 dilution + HepG2 cell lysate at 50 µg

Predicted band size: 11 kDa

Observed band size: 11 kDa



All lanes : Anti-S100 Calcium Binding Protein A13 antibody (ab89074) at 1/500 dilution

Lane 1 : S100 Calcium Binding Protein A13 transfected 293T cell lysate

Lane 2 : Non-transfected lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 11 kDa

Observed band size: 11 kDa

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