

Product datasheet

Anti-S100 Calcium Binding Protein A13 antibody [EPR4510]  
ab109252

**重组** RabMAb

3 图像

概述

<b>产品名称</b>	Anti-S100 Calcium Binding Protein A13抗体[EPR4510]
<b>描述</b>	兔单克隆抗体[EPR4510] to S100 Calcium Binding Protein A13
<b>经测试应用</b>	<b>适用于:</b> WB, IP, IHC-P, ICC, Flow Cyt
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	A synthetic peptide corresponding to residues in Human S100 Calcium Binding Protein A13.
<b>阳性对照</b>	Human thyroid and testis, HUVEC and ECV304 cell lysates; Human brain and muscle tissues.
<b>常规说明</b>	This product is a recombinant rabbit monoclonal antibody.  Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.  Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>存储溶液</b>	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
<b>纯度</b>	Tissue culture supernatant
<b>克隆</b>	单克隆
<b>克隆编号</b>	EPR4510
<b>同种型</b>	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab109252** in the following tested applications.

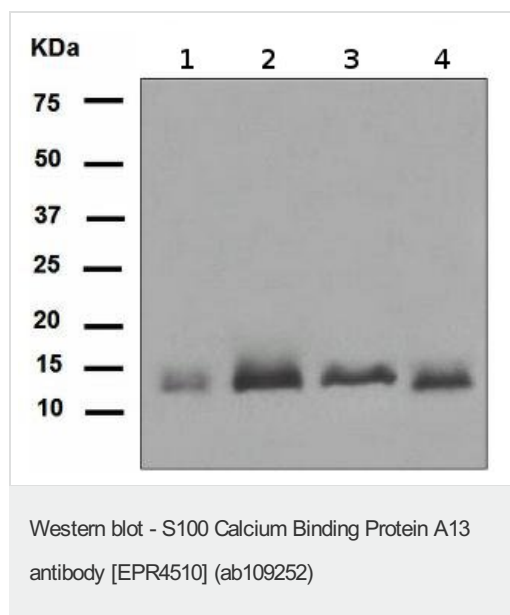
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 11 kDa.
IP		1/10 - 1/100.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Use of a HRP/AP polymerized antibody recommended.
ICC		1/100 - 1/250.
Flow Cyt		1/10 - 1/100. <a href="#">ab172730</a> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	Expressed in heart and skeletal muscle.
<b>序列相似性</b>	Belongs to the S-100 family. Contains 2 EF-hand domains.
<b>细胞定位</b>	Cytoplasm. Secreted. Secretion is mediated by exposure to stress and requires copper ions.

## 图片



**All lanes** : Anti-S100 Calcium Binding Protein

A13 antibody [EPR4510] (ab109252) at 1/1000 dilution

**Lane 1** : Human thyroid tissue lysate

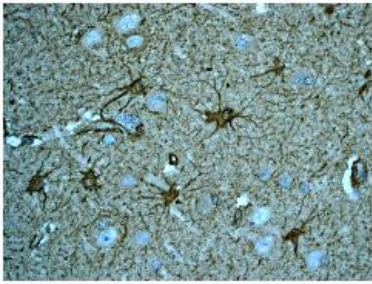
**Lane 2** : Human testis tissue lysate

**Lane 3** : HUVEC lysate

**Lane 4** : ECV304 lysate

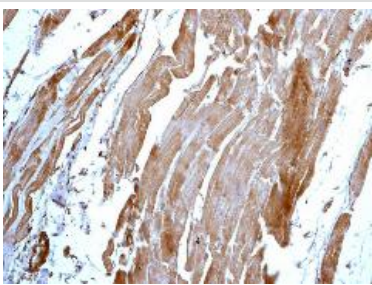
Lysates/proteins at 10 µg per lane.

**Predicted band size** : 11 kDa



ab109252, at a 1/250 dilution, staining S100 Calcium Binding Protein A13 in Human brain, by Immunohistochemistry, Paraffin-embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - S100 Calcium Binding Protein A13 antibody [EPR4510] (ab109252)



ab109252, at a 1/250 dilution, staining S100 Calcium Binding Protein A13 in Human muscle, by Immunohistochemistry, Paraffin-embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - S100 Calcium Binding Protein A13 antibody [EPR4510] (ab109252)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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