

Anti-Ataxin 7 antibody [EPR24136-89] ab259829

重组 RabMAb

3 图像

概述

产品名称	Anti-Ataxin 7抗体[EPR24136-89]
描述	兔单克隆抗体[EPR24136-89] to Ataxin 7
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Mouse
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Mouse brain tissue lysate; Neuro-2a whole cell lysate.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59.94% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR24136-89
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab259829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		1/1000. Detects a band of approximately 95 kDa (predicted molecular weight: 93 kDa).

应用说明

Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

靶标

功能

Acts as component of the STAGA transcription coactivator-HAT complex. Mediates the interaction of STAGA complex with the CRX and is involved in CRX-dependent gene activation. Necessary for microtubule cytoskeleton stabilization.

组织特异性

Isoform a and isoform b are expressed in CNS, but isoform a is expressed predominantly in the peripheral tissues. Isoform b is also highly expressed in the frontal lobe, skeletal muscle and spinal cord and is expressed at a lower level in the lung, lymphoblast and intestine.

疾病相关

Spinocerebellar ataxia 7

序列相似性

Belongs to the ataxin-7 family.
Contains 1 SCA7 domain.

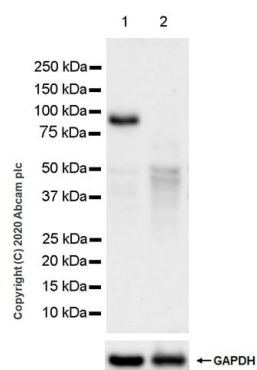
翻译后修饰

Proteolytically cleaved. The cleavage may be involved in SCA7 degeneration: the isoform fragments may exert distinct toxic influences that could contribute to selective neurodegeneration. Sumoylation decreases the aggregation propensity and cellular toxicity of forms with an expanded poly-Gln region but has no effect on subcellular location or interaction with components of the STAGA complex.

细胞定位

Cytoplasm and Nucleus. Nucleus, nucleolus. Nucleus matrix. Cytoplasm, cytoskeleton. In addition to a diffuse distribution throughout the nucleus, it is associated with the nuclear matrix and the nucleolus. It is able to shuttle between the nucleus and cytoplasm.

图片



Western blot - Anti-Ataxin 7 antibody [EPR24136-89] (ab259829)

All lanes : Anti-Ataxin 7 antibody [EPR24136-89] (ab259829) at 1/1000 dilution

Lane 1 : Mouse brain tissue lysate

Lane 2 : Mouse kidney tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/20000 dilution

Predicted band size: 93 kDa

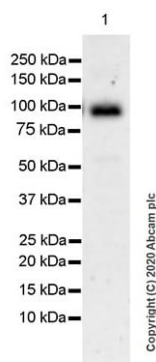
Observed band size: 95 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

The MW is consistent to literature (PMID:22367614).

Negative control: mouse kidney (PMID:11099453).

Exposure time: 81 seconds.



Western blot - Anti-Ataxin 7 antibody [EPR24136-89] (ab259829)

Anti-Ataxin 7 antibody [EPR24136-89] (ab259829) at 1/1000 dilution + Neuro-2a (mouse neuroblastoma neuroblast) whole cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/20000 dilution

Predicted band size: 93 kDa

Observed band size: 95 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

WB positive cell line: Neuro-2a (PMID:25306109)

Exposure time: 125 seconds.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Ataxin 7 antibody [EPR24136-89] (ab259829)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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