abcam

Product datasheet

Anti-ALX4 antibody ab104298

1 图像

概述

产品名称	Anti-ALX4抗体
描述	**兔多克隆抗体**to ALX4
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Mouse **预测可用于:** Rat, Guinea pig, Cow, Dog
免疫原	Synthetic peptide corresponding to a region within internal sequence amino acids 151-200 (EPELPPDSEP VGMDNSYLSV KETGAKGPQD RASAEIPSPL EKTDSESNKG) of Mouse ALX4 (NP_031468). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Mouse brain tissue lysate.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	**多克隆**
同种型	IgG

应用

Our Abpromise guarantee covers the use of **ab104298** 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

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WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 44 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

功能

Transcription factor involved in skull and limb development. Plays an essential role in craniofacial development, skin and hair follicle development.

组织特异性

Expression is likely to be restricted to bone. Found in parietal bone.

疾病相关

Defects in ALX4 are the cause of parietal foramina 2 (PFM2) [MIM:609597]; also known as foramina parietalia permagna (FPP). PFM2 is an autosomal dominant disease characterized by oval defects of the parietal bones caused by deficient ossification around the parietal notch, which is normally obliterated during the fifth fetal month. PFM2 is also a clinical feature of Potocki-Shaffer syndrome.
Defects in ALX4 are the cause of frontonasal dysplasia type 2 (FND2) [MIM:613451]. The term frontonasal dysplasia describes an array of abnormalities affecting the eyes, forehead and nose and linked to midfacial dysraphia. The clinical picture is highly variable. Major findings include true ocular hypertelorism; broadening of the nasal root; median facial cleft affecting the nose and/or upper lip and palate; unilateral or bilateral clefting of the alae nasi; lack of formation of the nasal tip; anterior cranium bifidum occultum; a V-shaped or widow's peak frontal hairline.
Involved in Potocki-Shaffer syndrome (PSS) [MIM:601224]. PSS is a contiguous gene syndrome caused by deletion of the 11p11.2 region.

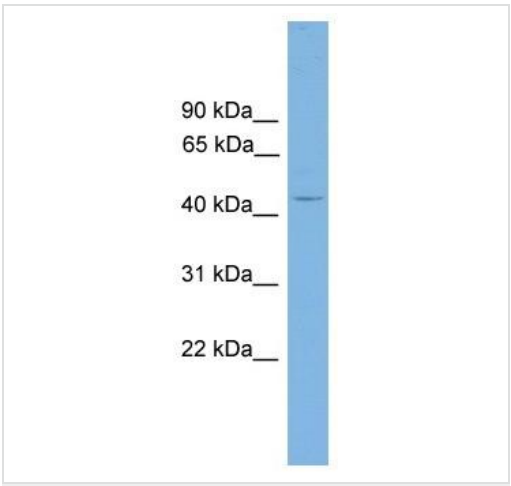
序列相似性

Belongs to the paired homeobox family.
Contains 1 homeobox DNA-binding domain.

细胞定位

Nucleus.

图片



Western blot - Anti-ALX4 antibody (ab104298)

Anti-ALX4 antibody (ab104298) at 1 µg/ml +
Mouse brain tissue lysate at 10 µg

Predicted band size: 44 kDa

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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