

## Product datasheet

# Anti-Otx1 antibody ab25985

★★★★☆ 4 Abreviews 2 References 2 图像

### 概述

<b>产品名称</b>	Anti-Otx1抗体
<b>描述</b>	兔多克隆抗体to Otx1
<b>特异性</b>	We have not been able to test Rabbit polyclonal to Otx1 (ab25985) in Western Blot due to difficulties in accessing the appropriate lysates. We would appreciate any feedback on this antibody.
<b>经测试应用</b>	<b>适用于:</b> IHC-P, IHC-Fr
<b>种属反应性</b>	<b>与反应:</b> Mouse, Human <b>预测可用于:</b> Rat, Chimpanzee, Gorilla, Catfish
<b>免疫原</b>	Synthetic peptide conjugated to KLH derived from within residues 100 - 200 of Mouse Otx1. 参阅Abcam的专有抗源政策
<b>阳性对照</b>	This antibody gave a positive signal in the following tissues: Formalin Fixed Paraffin Embedded Mouse E11.5 Embryo Normal; Formalin Fixed Paraffin Embedded Mouse E17 Brain Normal.

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab25985** in the following tested applications.

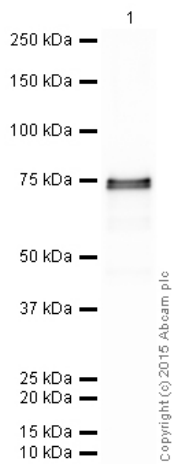
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P	★★★★☆	1/100.
IHC-Fr	★★★★☆	1/100.

## 靶标

<b>功能</b>	Probably plays a role in the development of the brain and the sense organs. Can bind to the BCD target sequence (BTS): 5'-TCTAATCCC-3'.
<b>组织特异性</b>	Expressed in brain.
<b>序列相似性</b>	Belongs to the paired homeobox family. Bicoid subfamily. Contains 1 homeobox DNA-binding domain.
<b>发展阶段</b>	Embryo.
<b>细胞定位</b>	Nucleus.

## 图片



Western blot - Anti-Otx1 antibody (ab25985)

Anti-Otx1 antibody (ab25985) at 1 µg/ml +  
OTX1 (Human) - Recombinant Protein at 0.1  
µg

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed  
at 1/50000 dilution

Developed using the ECL technique

Performed under reducing conditions.

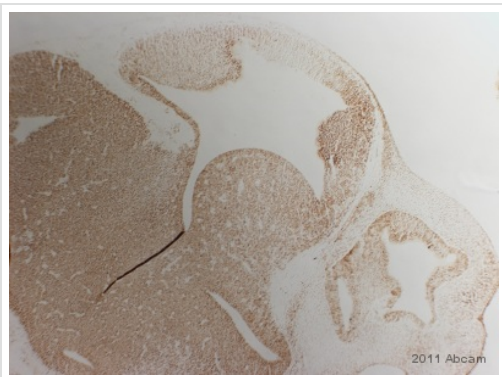
**Predicted band size** : 36 kDa

**Observed band size** : 75 kDa

**Exposure time** : 1 minute

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab25985 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution [ab133406](#).

Ab25985 recognizes the full length tagged recombinant protein which has an expected molecular weight of 75 kDa.



IHC-P image of Otx1 antibody (ab25985) on E11.5 mouse embryo sections. The sections were fixed in Paraformaldehyde and underwent heat mediated antigen retrieval using EDTA. These sections were then blocked in serum for 1 hour, before the Otx1 antibody was added at 1:100 dilution and left overnight at 4oC.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Otx1 antibody (ab25985)

This image is taken from an anonymous abreview

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