

### Anti-Otx2 antibody [EPR3348] ab92326

リコンビナント **RabMAb**

#### 1 References [画像数 3](#)

#### 製品の概要

製品名	Anti-Otx2 antibody [EPR3348]
製品の詳細	Rabbit monoclonal [EPR3348] to Otx2
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Y79 cell lysate
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>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>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名                      EPR3348  
アイソタイプ                    IgG

#### アプリケーション

**The Abpromise guarantee**           **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab92326の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 32 kDa.

**追加情報**                               Is unsuitable for IHC-P.

#### ターゲット情報

**機能**                                   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'.

**組織特異性**                       Expressed in brain.

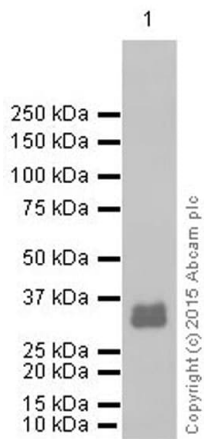
**関連疾患**                           Defects in OTX2 are the cause of microphthalmia syndromic type 5 (MCOPS5) [MIM:610125]. Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues. Up to 80% of cases of microphthalmia occur in association with syndromes that include non-ocular abnormalities. MCOPS5 patients manifest unilateral or bilateral microphthalmia/clinical anophthalmia and variable additional features including coloboma, microcornea, cataract, retinal dystrophy, hypoplasia or agenesis of the optic nerve, agenesis of the corpus callosum, developmental delay, joint laxity, hypotonia, and seizures.

**配列類似性**                       Belongs to the paired homeobox family. Bicoid subfamily.  
Contains 1 homeobox DNA-binding domain.

**発生段階**                           Embryo.

**細胞内局在**                       Nucleus.

#### 画像



Western blot - Anti-Otx2 antibody [EPR3348]  
(ab92326)

Anti-Otx2 antibody [EPR3348] (ab92326) at 1/1000 dilution  
(purified) + Y79 cell lysate at 10 µg

#### Secondary

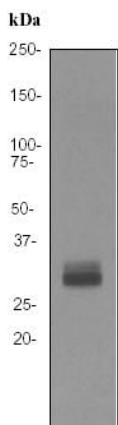
HRP goat anti-rabbit IgG (H+L) at 1/20000 dilution

**Predicted band size:** 32 kDa

**Observed band size:** 32 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-Otx2 antibody [EPR3348]  
(ab92326)

Anti-Otx2 antibody [EPR3348] (ab92326) at 1/1000 dilution  
(unpurified) + Y79 cell lysate at 10 µg

#### Secondary

HRP labelled goat anti-rabbit IgG at 1/1000 dilution

**Predicted band size:** 32 kDa

#### 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-Otx2 antibody [EPR3348] (ab92326)

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