# abcam

## Product datasheet

# Anti-NR2E1/Tailless/TLX antibody [EPR4491] ab109179
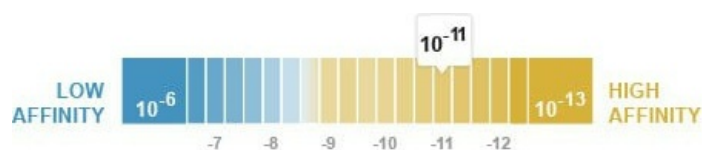
重组  RabMAb

**2 References**   3 图像

## 概述

| | |
|---|---|
| 产品名称 | Anti-NR2E1/Tailless/TLX抗体[EPR4491] |
| 描述 | 兔单克隆抗体[EPR4491] to NR2E1/Tailless/TLX |
| 宿主 | Rabbit |
| 经测试应用 | **适用于:** WB<br>**不适用于:** Flow Cyt,ICC/IF,IHC-P or IP |
| 种属反应性 | **与反应:** Human<br>**预测可用于:** Mouse, Rat |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| 阳性对照 | Fetal brain, Human hippocampus, SH-SY5Y and Jurkat lysates |
| 常规说明 | This product is a recombinant monoclonal antibody, which offers several advantages including:<br><br>- High batch-to-batch consistency and reproducibility<br>- Improved sensitivity and specificity<br>- Long-term security of supply<br>- Animal-free production<br>For more information **see here**.<br><br>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**. |

## 性能

| | |
|---|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| 解离常数 ($K_D$) | $K_D$ = 9.30 x 10$^{-11}$ M |



**Learn more about $K_D$**

| | |
|---|---|
| 存储溶液 | pH: 7.20 |

Preservative: 0.05% Sodium azide
Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant

| | |
|---|---|
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 克隆编号 | EPR4491 |
| 同种型 | IgG |

## 应用

**The Abpromise guarantee**  **Abpromise™承诺保证使用ab109179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 - 1/10000. Predicted molecular weight: 43 kDa. |

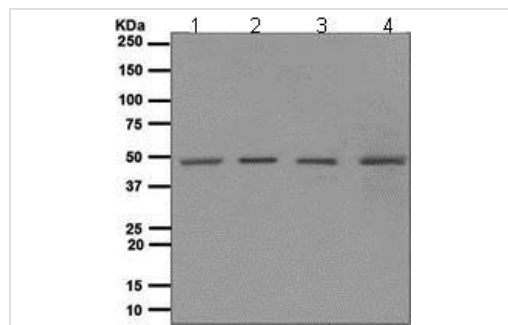| | |
|---|---|
| 应用说明 | Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP. |

## 靶标

| | |
|---|---|
| 功能 | Orphan receptor that binds DNA as a monomer to hormone response elements (HRE) containing an extended core motif half-site sequence 5'-AAGGTCA-3' in which the 5' flanking nucleotides participate in determining receptor specificity. May be required for brain development. May be involved in the regulation of retinal development. |
| 组织特异性 | Brain specific. Present in all brain sections tested, highest levels in the caudate nucleus and hippocampus, weakest levels in the thalamus. |
| 序列相似性 | Belongs to the nuclear hormone receptor family. NR2 subfamily. Contains 1 nuclear receptor DNA-binding domain. |
| 细胞定位 | Nucleus. |

## 图片



Western blot - Anti-NR2E1/Tailless/TLX antibody [EPR4491] (ab109179)

**All lanes :** Anti-NR2E1/Tailless/TLX antibody [EPR4491] (ab109179) at 1/1000 dilution
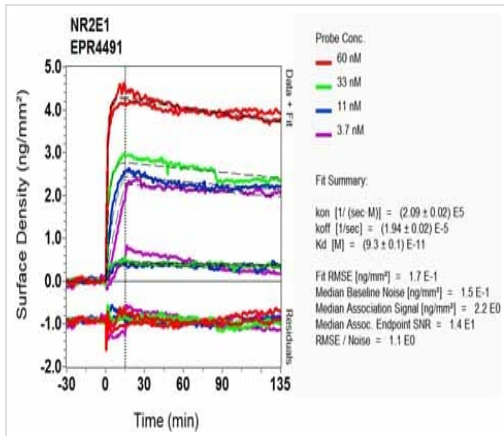
**Lane 1 :** Fetal brain lysate

**Lane 2 :** Human hippocampus lysate

**Lane 3 :** SH-SY5Y lysate

**Lane 4 :** Jurkat lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 43 kDa

**NR2E1 EPR4491**

Probe Conc.
- 60 nM
- 33 nM
- 11 nM
- 3.7 nM

Fit Summary:

kon [1/ (sec·M)] = (2.09 ± 0.02) E5
koff [1/sec] = (1.94 ± 0.02) E-5
Kd [M] = (9.3 ± 0.1) E-11

Fit RMSE [ng/mm²] = 1.7 E-1
Median Baseline Noise [ng/mm²] = 1.5 E-1
Median Association Signal [ng/mm²] = 2.2 E0
Median Assoc. Endpoint SNR = 1.4 E1
RMSE / Noise = 1.1 E0

OI-RD Scanning - Anti-NR2E1/Tailless/TLX antibody [EPR4491] (ab109179)

Equilibrium disassociation constant ($K_D$)

Learn more about $K_D$

**Click here to learn more about $K_D$**



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-NR2E1/Tailless/TLX antibody [EPR4491] (ab109179)

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

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