


## Product datasheet

# Anti-ADX antibody [EPR4630] ab109312

Recombinant RabMAb

3 Images

### Overview

<b>Product name</b>	Anti-ADX antibody [EPR4630]
<b>Description</b>	Rabbit monoclonal [EPR4630] to ADX
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF <b>Unsuitable for:</b> Flow Cyt or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Human placenta, Human thyroid and A549 lysates; A549 cells
<b>General notes</b>	<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>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR4630

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab109312 in the following tested applications.

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

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 14 kDa (predicted molecular weight: 19 kDa).
ICC/IF		1/50 - 1/100.

### Application notes

Is unsuitable for Flow Cyt or IHC-P.

## Target

### Function

Participates in the synthesis of thyroid hormones. Transfers electrons from adrenodoxin reductase to the cholesterol side chain cleavage cytochrome P450.

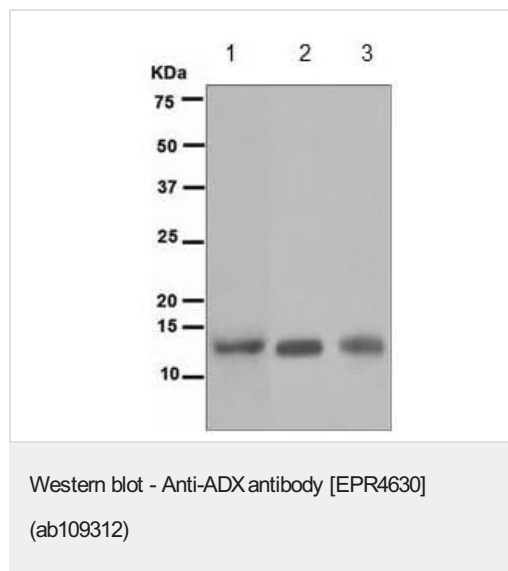
### Sequence similarities

Belongs to the adrenodoxin/putidaredoxin family.  
Contains 1 2Fe-2S ferredoxin-type domain.

### Cellular localization

Mitochondrion matrix.

## Images



**All lanes** : Anti-ADX antibody [EPR4630] (ab109312) at 1/1000 dilution

**Lane 1** : Human placenta lysate

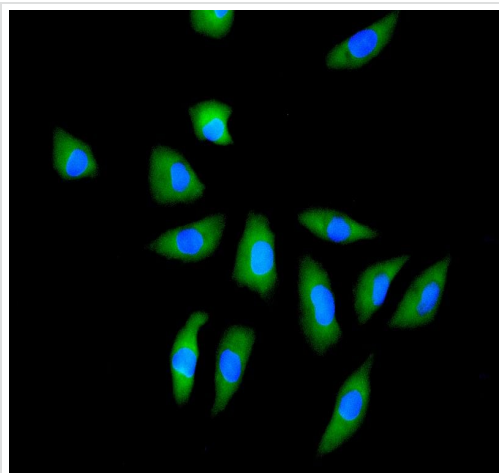
**Lane 2** : Human thyroid lysate

**Lane 3** : A549 lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 19 kDa

**Observed band size:** 14 kDa



Immunofluorescent analysis of ADX in A549 cells using ab109312 at 1/50 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-ADX antibody [EPR4630] (ab109312)

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-ADX antibody [EPR4630] (ab109312)

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

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- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

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