

### APC Anti-CYP27A1 antibody [EPR7529] ab305863

Recombinant RabMAb

1 Image

#### Overview

Product name	APC Anti-CYP27A1 antibody [EPR7529]
Description	APC Rabbit monoclonal [EPR7529] to CYP27A1
Host species	Rabbit
Conjugation	APC. Ex: 645nm, Em: 660nm
Tested applications	<b>Suitable for:</b> Target binding affinity, Antibody labelling
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>This <b>conjugated primary antibody</b> is released using a quantitative quality control method that evaluates binding affinity post-conjugation and efficiency of antibody labeling.</p> <p>For suitable applications and species reactivity, please refer to the unconjugated version of this clone. This conjugated antibody is eligible for Abtrial: learn more <a href="#">here</a>.</p> <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

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Store In the Dark.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 98% PBS, 1% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal

Clone number                      EPR7529

Isotype                                IgG

## Applications

**The Abpromise guarantee**                      Our **Abpromise guarantee** covers the use of ab305863 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
Target binding affinity		Use at an assay dependent concentration.
Antibody labelling		Use at an assay dependent concentration.

## Target

**Function**    Catalyzes the first step in the oxidation of the side chain of sterol intermediates; the 27-hydroxylation of 5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol. Has also a vitamin D3-25-hydroxylase activity.

**Pathway**    Hormone biosynthesis; cholecalciferol biosynthesis.


**Involvement in disease**                              Cerebrotendinous xanthomatosis

**Sequence similarities**                                Belongs to the cytochrome P450 family.


**Cellular localization**                                Mitochondrion membrane.

## Images


Why choose a recombinant conjugated antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Guaranteed long-term performance**  
Quantitative quality control

APC Anti-CYP27A1 antibody [EPR7529] (ab305863)

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

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- 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
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