Product datasheet

Anti-CYP7A1 antibody ab65596

Overview

<table>
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<tr>
<th>Product name</th>
<th>Anti-CYP7A1 antibody</th>
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<tbody>
<tr>
<td>Description</td>
<td>Rabbit polyclonal to CYP7A1</td>
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- This product is a fast track antibody. It has been affinity purified and shows high titre values against the immunizing peptide by ELISA.

Host species | Rabbit

Species reactivity

- **Predicted to work with:** Mouse, Rat, Dog, Human, Pig, Rhesus monkey

Immunogen

- Synthetic peptide conjugated to KLH derived from within residues 100 - 200 of Human CYP7A1. Read Abcam's proprietary immunogen policy (Peptide available as ab69726.)

Properties

Form | Liquid

Storage instructions

- 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.

Storage buffer

- pH: 7.40
- Preservative: 0.02% Sodium azide
- Constituent: PBS

- Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Purity | Immunogen affinity purified

Clonality | Polyclonal

Isotype | IgG

Applications

Fast track antibodies constitute a diverse group of products that have been released to accelerate your research, but are not yet fully...
Fast track terms of use

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<th>Application</th>
<th>Abreviews</th>
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<tr>
<td>WB</td>
<td>⭐⭐⭐⭐⭐</td>
<td>1/1000. Detects a band of approximately 55 kDa (predicted molecular weight: 58 kDa).</td>
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**Target**

**Function**
Catalyzes a rate-limiting step in cholesterol catabolism and bile acid biosynthesis by introducing a hydrophilic moiety at position 7 of cholesterol. Important for cholesterol homeostasis.

**Tissue specificity**
Detected in liver.

**Pathway**
Lipid metabolism; bile acid biosynthesis.

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

**Cellular localization**
Endoplasmic reticulum membrane. Microsome membrane.

**Images**
This Fast-Track antibody is not yet fully characterised. These images represent inconclusive preliminary data.

**All lanes**: Anti-CYP7A1 antibody (ab65596) at 1/1000 dilution

**All lanes**: Mouse liver lysate

Lysates/proteins at 30 µg per lane.

**Secondary**

**All lanes**: HRP labeled goat anti-rabbit at 1/5000 dilution

Developed using the ECL technique.

Performed under non-reducing conditions.

**Predicted band size**: 58 kDa

**Additional bands at**: 40 kDa (possible non-specific binding), 70 kDa (possible non-specific binding)

Blocking: 5% Milk

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

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