Product datasheet

Anti-CYP7A1 antibody ab65596

Overview

Product name
Anti-CYP7A1 antibody

Description
Rabbit polyclonal to CYP7A1

Host species
Rabbit

Species reactivity
Reacts with: Mouse
Predicted to work with: 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
Preservative: 0.02% Sodium Azide
Constituents: 1% BSA, PBS, pH 7.4

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 characterized. They have all been affinity purified and show high titre values against the immunizing peptide (by ELISA).

Application | Abreviews | Notes
--- | --- | ---
WB | 1/1000. Detects a band of approximately 55 kDa (predicted molecular weight: 58 kDa).
**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.

![Western blot - Anti-CYP7A1 antibody (ab65596)](image)

This image is courtesy of an anonymous Abreview.

**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"

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