

Datasheet for ABIN6243133  
**anti-CYP7A1 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	80 µL
Target:	CYP7A1
Binding Specificity:	AA 27-58, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP7A1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This CYP7A1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 27-58 amino acids from the N-terminal region of human CYP7A1.
Clone:	RB52160
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	CYP7A1
Alternative Name:	CYP7A1 ( <a href="#">CYP7A1 Products</a> )
Background:	Catalyzes a rate-limiting step in cholesterol catabolism and bile acid biosynthesis by

## Target Details

	introducing a hydrophilic moiety at position 7 of cholesterol. Important for cholesterol homeostasis.
Molecular Weight:	57661
UniProt:	<a href="#">P22680</a>
Pathways:	<a href="#">Steroid Hormone Biosynthesis</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

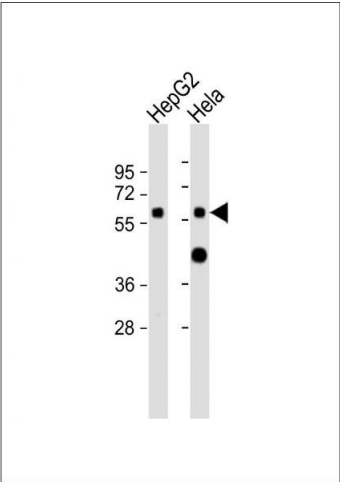
## Application Details

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## Images



Western Blotting

**Image 1.** All lanes : Anti-CYP7A1 Antibody (N-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysates Lane 2: HeLa whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 58 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.