

Product datasheet

Anti-Apolipoprotein CIII antibody [EP1372Y] ab76305

RabMAb

★★★★☆ [4 Abreviews](#) [4 References](#) [2 Images](#)

Overview

Product name	Anti-Apolipoprotein CIII antibody [EP1372Y]
Description	Rabbit monoclonal [EP1372Y] to Apolipoprotein CIII
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human liver tissue and plasma lysates.
General notes	<p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
Purity	Protein A purified
Clonality	Monoclonal

Clone number EP1372Y

Isotype IgG

Applications

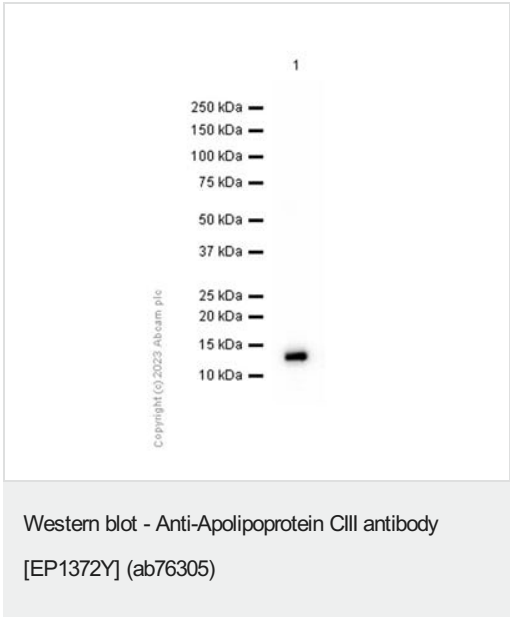
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab76305 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★ ★ ★ ★ ★ (1)	1/2000 - 1/10000. Detects a band of approximately 11 kDa (predicted molecular weight: 11 kDa).

Target

Function	Inhibits lipoprotein lipase and hepatic lipase and decreases the uptake of lymph chylomicrons by hepatic cells. This suggests that it delays the catabolism of triglyceride-rich particles.
Tissue specificity	Constitutes 50% of the protein fraction of VLDL and 2% of that of HDL. Synthesized predominantly in liver and to a lesser degree in intestine.
Involvement in disease	Defects in APOC3 may be a cause of hyperalphalipoproteinemia (HYPALIP) [MIM:143470]. Affected individuals show high levels of alpha-lipoprotein (high density lipoprotein/HDL).
Sequence similarities	Belongs to the apolipoprotein C3 family.
Post-translational modifications	O-linked glycan consists of Gal-GalNAc disaccharide, further modified with up to 3 sialic acid residues. O-glycosylated on Thr-94 with a core 1 or possibly core 8 glycan.
Cellular localization	Secreted.

Images



Anti-Apolipoprotein CIII antibody [EP1372Y] (ab76305) at 1/10000 dilution + Human plasma lysate at 15 µg

Secondary
Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/20000 dilution

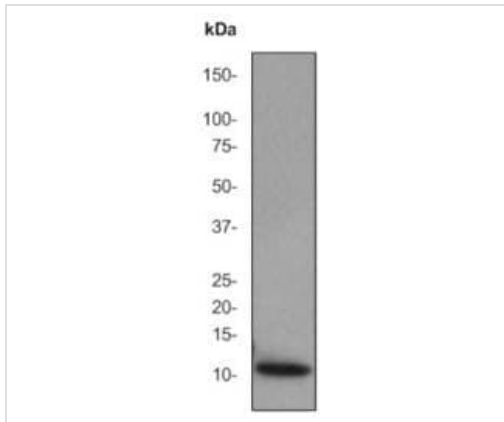
Predicted band size: 11 kDa
Observed band size: 11 kDa

Exposure time: 3 seconds

Blocking and diluting buffer and concentration: 5%

NFDM/TBST.

Please note this image was obtained using a purified batch. The current WB image of the Human liver is obtained using an unpurified batch.



Western blot - Anti-Apolipoprotein CIII antibody
[EP1372Y] (ab76305)

Anti-Apolipoprotein CIII antibody [EP1372Y] (ab76305) at 1/2000 dilution + Human liver tissue lysate at 10 µg

Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 11 kDa

Observed band size: 11 kDa

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

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