

# ApoC3 Polyclonal Antibody

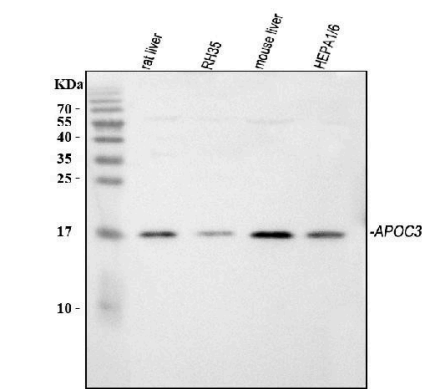
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived human Apolipoprotein CIII recombinant protein (Position: S21-A99).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2745918

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	1 Publication
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-

## Product Specific Information

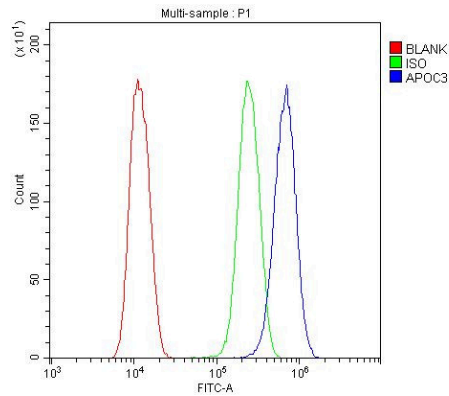
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For ApoC3 Polyclonal Antibody



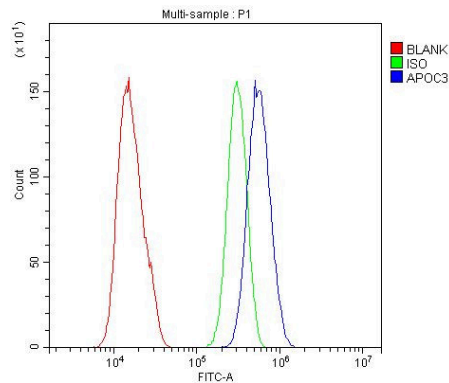
ApoC3 Antibody (PA5-78802) in WB

Western blot analysis of Apolipoprotein CIII in, Lane 1: rat liver tissue lysates, Lane 2: rat RH35 whole cell lysates, Lane 3: mouse liver tissue lysates, Lane 4: mouse HEPA1-6 whole cell lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. The membrane was blocked with 5% non-fat milk/TBS for 1. 5 hour at RT. The membrane was incubated with ApoC3 Polyclonal Antibody (Product # PA5-78802) at 0.5 g/mL overnight at 4°C, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5,000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for Apolipoprotein CIII at approximately 17 kDa. The expected band size for Apolipoprotein CIII is at 11 kDa.



ApoC3 Antibody (PA5-78802) in Flow

Flow Cytometry of ApoC3 in U2OS cells (blue line), isotype control rabbit IgG (green line) and unlabeled (red line). Samples were blocked with 10% goat serum, incubated with ApoC3 Polyclonal Antibody (Product # PA5-78802) at a dilution of 1 g (per 1x10<sup>6</sup> cells), followed by DyLight®488 conjugated goat anti-rabbit IgG (for 30 minutes at 20°C) using 5-10 g (per 1x10<sup>6</sup> cells) dilution.



ApoC3 Antibody (PA5-78802) in Flow

Flow Cytometry of ApoC3 in SiHa cells (blue line), isotype control rabbit IgG (green line) and unlabeled (red line). Samples were blocked with 10% goat serum, incubated with ApoC3 Polyclonal Antibody (Product # PA5-78802) at a dilution of 1 g (per 1x10<sup>6</sup> cells), followed by DyLight®488 conjugated goat anti-rabbit IgG (for 30 minutes at 20°C) using 5-10 g (per 1x10<sup>6</sup> cells) dilution.

View more figures on [thermofisher.cn](http://thermofisher.cn)

Western Blot (1)

Metabolites	Year 2021
Hepatocyte Small Heterodimer Partner Mediates Sex-Specific Effects on Triglyceride Metabolism via Androgen Receptor in Male Mice.	Species Mouse
"PA5-78802 was used in Western Blotting to test the hypothesis that hepatic SHP mediates sex differences in TG metabolism using hepatocyte-specific SHP knockout mice."	
Authors: Palmisano BT,Zhu L,Litts B,Burman A,Yu S,Neuman JC,Anozie U,Luu TN,Edington EM,Stafford JM	

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