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Datasheet for ABIN7159690

anti-APOO antibody (AA 26-198) (FITC)

Overview

Quantity:	100 µL
Target:	APOO
Binding Specificity:	AA 26-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOO antibody is conjugated to FITC

Product Details

Immunogen:	Recombinant Human MICOS complex subunit MIC26 protein (26-198AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	APOO
Alternative Name:	APOO (APOO Products)
Background:	Background: Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Plays a crucial role in crista junction formation and mitochondrial function (PubMed:25764979). Can promote cardiac

Target Details

lipotoxicity by enhancing mitochondrial respiration and fatty acid metabolism in cardiac myoblasts (PubMed:24743151). Promotes cholesterol efflux from macrophage cells. Detected in HDL, LDL and VLDL. Secreted by a microsomal triglyceride transfer protein (MTTP)-dependent mechanism, probably as a VLDL-associated protein that is subsequently transferred to HDL (PubMed:16956892).

Aliases: 0610008C08Rik antibody, 1110019003Rik antibody, Apolipoprotein O antibody, APOO antibody, APOO_HUMAN antibody, FAM121B antibody, Family with sequence similarity 121B antibody, MGC130105 antibody, MGC130106 antibody, MGC4825 antibody, My025 antibody, MYO25 antibody, OTTHUMP00000023073 antibody, Protein FAM121B antibody, RP23-272D10.2 antibody

UniProt: [Q9BUR5](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.