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Datasheet for ABIN7159689

**anti-APOO antibody (AA 26-198) (Biotin)**

## Overview

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

## 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 ( <a href="#">APOO Products</a> )
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

## Target Details

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 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

Application Notes: Optimal working dilution should be determined by the investigator.

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.