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# anti-APOO antibody (AA 26-198)



Image



#### Overview

Quantity:	100 μL
Target:	APOO
Binding Specificity:	AA 26-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), 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 (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).

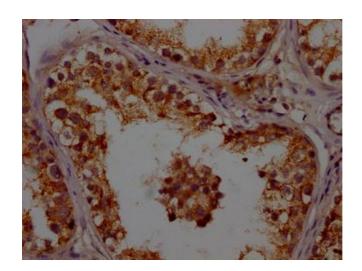
Aliases: 0610008C08Rik antibody, 1110019O03Rik antibody, Apolipoprotein O antibody, APOO antibody, APOO\_HUMAN antibody, FAM121B antibody, Family with sequence similarity 121B antibody, MGC130105 antibody, MGC130106 antibody, MGC4825 antibody, My025 antibody, MY025 antibody, OTTHUMP00000023073 antibody, Protein FAM121B antibody, RP23-272D10.2 antibody

UniProt:

Q9BUR5

## **Application Details**

Application Notes:	Recommended dilution: IHC:1:200-1:500,
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.



#### **Immunohistochemistry**

**Image 1.** IHC image of ABIN7159688 diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05 % DAB.