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Datasheet for ABIN1700605 anti-APOO antibody (AA 101-198) (Biotin)



Overview

| Quantity: | 100 µL |
|----------------------|--|
| Target: | APOO |
| Binding Specificity: | AA 101-198 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This APOO antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human ApoO/Apolipoprotein O |
|-----------------------|---|
| Isotype: | lgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |
| Target Details | |
| Target: | APOO |
| Alternative Name: | Apolipoprotein O (APOO Products) |

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| Target Details | |
|---------------------|---|
| Background: | Synonyms: ApoO, 0610008C08Rik, 1110019O03Rik, Apolipoprotein O, APOO, APOO_HUMAN, FAM121B, Family with sequence similarity 121B, MGC130105, MGC130106, MGC4825, My025, MYO25, OTTHUMP00000023073, Protein FAM121B, RP23-272D10.2. Background: Apolipoproteins are a family of fatty-acid binding proteins that transport fat through the bloodstream in the form of lipoproteins. ApoO (Apolipoprotein O), also known as FAM121B or My025, is a 198 amino acid single-pass membrane protein that belongs to the apolipoprotein family. Expressed ubiquitously with particularly high expression in diabetic heart tissue, apoO functions to promote the transport of cholesterol from macrophage cells and may be involved in regulatory mechanisms that protect lipid accumulation within the heart. ApoO is present in high density lipoproteins (HDLs) and low density lipoproteins (LDLs) and is secreted by an MTP (microsomal triglyceride transfer protein)-dependent mechanism. Two isoforms of apoO exist due to alternative splicing events. |
| Gene ID: | 79135 |
| Application Details | |
| Application Notes: | WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500 For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| 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 |
| Storage Comment: | Store at -20°C for 12 months. |

Expiry Date: 12 months

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