antibodies - online.com







anti-APOO antibody (AA 101-198)



Image



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

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human ApoO/Apolipoprotein O |
|-----------------------|---|
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

Target: AP00

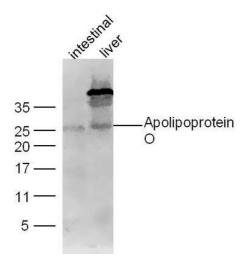
Target Details

| Alternative Name: | Apolipoprotein O (APOO Products) |
|---------------------|--|
| Background: | Synonyms: ApoO, 0610008C08Rik, 1110019O03Rik, Apolipoprotein O, APOO, APOO_HUMAN, |
| | FAM121B, Family with sequence similarity 121B, MGC130105, MGC130106, MGC4825, My025 |
| | MY025, 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 hear |
| | 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 |
| | ELISA 1:500-1000 |
| | IHC-P 1:200-400 |
| | IHC-F 1:100-500 |
| | IF(IHC-P) 1:50-200 |
| | IF(IHC-F) 1:50-200 |
| | IF(ICC) 1:50-200 |
| | ICC 1:100-500 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 μg/μL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |
| | |

Handling

| | handled by trained staff only. |
|------------------|---|
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

Images



Western Blotting

Image 1. Lane 1: Mouse intestinal lysates Lane 2: Mouse Liver lysates probed with Apolipoprotein O Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.