antibodies

Datasheet for ABIN7273849 APOA5 Protein (AA 21-368) (His tag)

I Image



Overview

| Quantity: | 100 µg |
|-------------------------------|--|
| Target: | APOA5 |
| Protein Characteristics: | AA 21-368 |
| Origin: | Mouse |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This APOA5 protein is labelled with His tag. |

Product Details

| Purpose: | Mouse APOA5 Protein |
|------------------|---|
| Sequence: | Arg21-Gly368 |
| Characteristics: | Recombinant Mouse APOA5 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Arg21-Gly368. |
| Purity: | > 95 % as determined by Tris-Bis PAGE |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | Less than 1EU per μg by the LAL method. |

Target Details

| Target: | APOA5 |
|-------------------|------------------------|
| Alternative Name: | APOA5 (APOA5 Products) |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7273849 | 01/18/2024 | Copyright antibodies-online. All rights reserved.

Target Details

| Background: | APOA5 is probably the gene with the strongest effect on triglyceride (TG) metabolism. APOA5 is | | |
|---------------------|--|--|--|
| | almost exclusively expressed in the liver, and its product apoAV has a very low circulating | | |
| | concentration. New physiological roles of apoAV have been recently elucidated, such as control | | |
| | of chylomicron production in the intestine and TG accumulation in adipose tissue. The key role | | |
| | of APOA5 in TG metabolism has been largely shown through genetic studies in association with | | |
| | either severe or moderate hypertriglyceridemia. | | |
| Molecular Weight: | 40.5 kDa same as Tris-Bis PAGE result. | | |
| UniProt: | Q8C7G5 | | |
| Pathways: | Regulation of Lipid Metabolism by PPARalpha, Lipid Metabolism | | |
| | | | |
| Application Dataila | | | |

Application Details

| Restrictions: |
|---------------|
|---------------|

For Research Use only

Handling

| Format: | Liquid |
|--------------------|---|
| Buffer: | Supplied as 0.22µm filtered solution in 20 mM Tris, 500 mM NaCl, 10 % Glycerol, 2 mM DTT (pH 8.5). |
| Preservative: | Dithiothreitol (DTT) |
| Precaution of Use: | This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -80 °C |
| Storage Comment: | Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date: | 12 months |

| | MK | R |
|-----------------------------|----|---|
| 140KD 115KD | | |
| 10 000 0 07 0000 | | |
| 80KD 70KD | | |
| 50KD | - | |
| 40KD | | - |
| 30KD | | |
| 25KD | | |
| | | |
| 15KD | | |
| | | |
| 10KD | | |

SDS-PAGE

Image 1. Mouse APOA5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

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