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Datasheet for ABIN968958

## anti-APOA4 antibody (AA 21-396)

1 Image

2 Publications

### Overview

Quantity:	100 µL
Target:	APOA4
Binding Specificity:	AA 21-396
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOA4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Purified recombinant fragment of APOA4 (aa21-396) expressed in E. coli.
Clone:	1D4C11
Isotype:	IgG2a
Purification:	purified

### Target Details

Target:	APOA4
Alternative Name:	APOA4 ( <a href="#">APOA4 Products</a> )
Background:	Description: APOA4: apolipoprotein A-IV. Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the

## Target Details

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third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro.

Aliases: apolipoprotein A-IV

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Molecular Weight: 45 kDa

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Gene ID: 337

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HGNC: 337

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Pathways: [Lipid Metabolism](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Ascitic fluid containing 0.03 % sodium azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C/-20 °C

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Storage Comment: 4°C, -20°C for long term storage

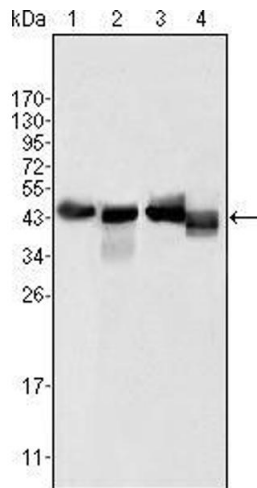
## Publications

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Product cited in: Mohan, Mohan, Wilson: "Discoidin domain receptor (DDR) 1 and 2: collagen-activated tyrosine kinase receptors in the cornea." in: **Experimental eye research**, Vol. 72, Issue 1, pp. 87-92, (2001) ([PubMed](#)).

Foehr, Tataros, Tanabe, Raffioni, Goetz, Dimarco, De Luca, Bradshaw: "Discoidin domain receptor 1 (DDR1) signaling in PC12 cells: activation of juxtamembrane domains in PDGFR/DDR/TrkA chimeric receptors." in: **FASEB journal : official publication of the**

**Federation of American Societies for Experimental Biology**, Vol. 14, Issue 7, pp. 973-81, (2000)  
) ([PubMed](#)).



### Western Blotting

**Image 1.** Western blot analysis using APOA4 mouse mAb against human serum (1), human plasma (2), HepG2 cell lysate (3) and SMMC-7721 cell lysate (4).