

# APOC4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant APOC4.

Catalog # AT1168a

## Product Information

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Application	WB, IP
Primary Accession	<a href="#">P55056</a>
Other Accession	<a href="#">BC020723</a>
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a kappa
Clone Names	3D10
Calculated MW	14553

## Additional Information

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Gene ID	346
Other Names	Apolipoprotein C-IV, Apo-CIV, ApoC-IV, Apolipoprotein C4, APOC4
Target/Specificity	APOC4 (AAH20723.1, 27 a.a. ~ 127 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IP~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	APOC4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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Apolipoprotein (apo)C4 gene is a member of the apolipoprotein gene family. It is expressed in the liver and has a predicted protein structure characteristic of the other genes in this family. Apo C4 is a 3.3-kb gene consisting of 3 exons and 2 introns; it is located 0.5 kb 5' to the APOC2 gene.

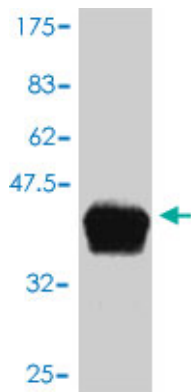
## References

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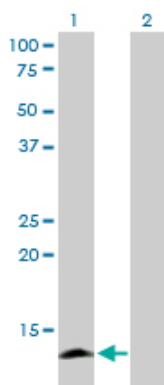
1.Comparative proteomic profiling of plasma very-low-density and low-density lipoproteins.Sun HY, Chen SF, Lai MD, Chang TT, Chen TL, Li PY, Shieh DB, Young KC.Clin Chim Acta. 2009 Nov 27. [Epub ahead of print]

## Images

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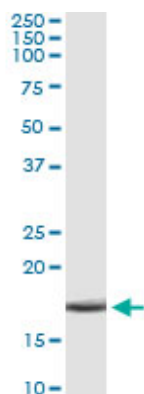
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.85 KDa) .



Western Blot analysis of APOC4 expression in transfected 293T cell line by APOC4 monoclonal antibody (M01), clone 3D10.

Lane 1: APOC4 transfected lysate(14.6 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation of APOC4 transfected lysate using anti-APOC4 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with APOC4 MaxPab rabbit polyclonal antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.