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APOC4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant APOC4.
Catalog # AT1168a

Product Information

Application	WB, IP
Primary Accession	P55056
Other Accession	BC020723
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a kappa
Clone Names	3D10
Calculated MW	14553

Additional Information

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.

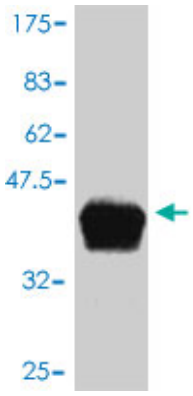
Background

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.

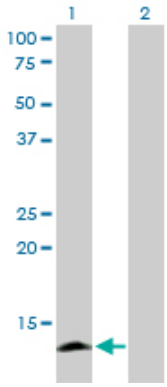
References

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

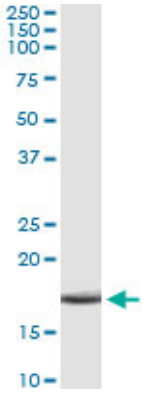


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.85 KDa) .



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'.