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Mouse Apom Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18753c

Product Information

Application	WB, E
Primary Accession	Q9Z1R3
Other Accession	NP_061286.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38636
Calculated MW	21273
Antigen Region	93-119

Additional Information

Gene ID	55938
Other Names	Apolipoprotein M, Apo-M, ApoM, Apom, Ng20
Target/Specificity	This Mouse Apom antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-119 amino acids from the Central region of mouse Apom.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Apom Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Apom
Synonyms	Ng20
Function	Probably involved in lipid transport. Can bind sphingosine-1- phosphate, myristic acid, palmitic acid and stearic acid, retinol, all- trans-retinoic acid and

9-cis-retinoic acid (By similarity).

Cellular Location Secreted.

Tissue Location Expressed by the liver; secreted in plasma.

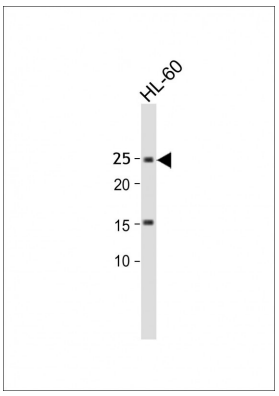
Background

Apom is probably involved in lipid transport.

References

Feingold, K.R., et al. Atherosclerosis 199(1):19-26(2008)
Wolfrum, C., et al. J. Biol. Chem. 283(24):16940-16949(2008)
Christoffersen, C., et al. J. Biol. Chem. 283(4):1839-1847(2008)
Hoffman, B.G., et al. Genome Biol. 9 (6), R99 (2008) :
Kumar, K.G., et al. Am. J. Physiol. Regul. Integr. Comp. Physiol. 292 (1), R207-R216 (2007) :

Images



All lanes: Anti-Mouse Apom Antibody (Center) at 1:1000 dilution + HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 25 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Citations

- Apolipoprotein M promotes the anti-inflammatory effect of high-density lipoprotein by binding to scavenger receptor BI
- Apolipoprotein M induces inhibition of inflammatory responses via the S1PR1 and DHCR24 pathways.