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# Mouse Apom Antibody (Center)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP18753c**

## Specification

### Mouse Apom Antibody (Center) - Product Information

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

### Mouse Apom Antibody (Center) - 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

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. 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.

### Mouse Apom Antibody (Center) - 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.

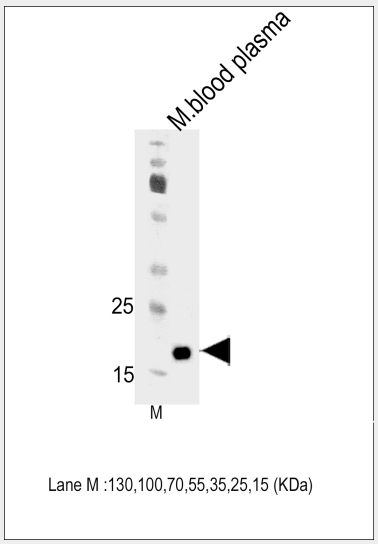
**Tissue Location**
Expressed by the liver; secreted in plasma.

## Mouse Apom Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Mouse Apom Antibody (Center) - Images




Mouse Apom Antibody (Center)(Cat. #AP18753c) western blot analysis in mouse blood plasma tissue lysates (35ug/lane). The M lane is the marker. This demonstrates the Apom antibody detected the Apom protein (arrow).

## Mouse Apom Antibody (Center) - Background

Apom is probably involved in lipid transport.

## Mouse Apom Antibody (Center) - 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) :

**Mouse Apom Antibody (Center) - 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.