

### **APOM Antibody (Center) Blocking Peptide**

Synthetic peptide Catalog # BP6925c

### **Specification**

APOM Antibody (Center) Blocking Peptide - Product Information

Primary Accession 095445

APOM Antibody (Center) Blocking Peptide - Additional Information

**Gene ID** 55937

#### **Other Names**

Apolipoprotein M, Apo-M, ApoM, Protein G3a, APOM, G3A, NG20

### **Target/Specificity**

The synthetic peptide sequence used to generate the antibody <a href=/products/AP6925c>AP6925c</a> was selected from the Center region of human APOM. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

### Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

### **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

APOM Antibody (Center) Blocking Peptide - Protein Information

Name APOM

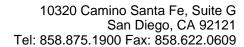
Synonyms G3A, NG20

# APOM Antibody (Center) Blocking Peptide - Background

APOM is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. This protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport.

## APOM Antibody (Center) Blocking Peptide - References

Nielsen, L.B., et.al., Trends Endocrinol. Metab. 20 (2), 66-71 (2009)





### **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.

### **Cellular Location**

Secreted. Note=Present in high density lipoprotein (HDL) and to a lesser extent in triglyceride-rich lipoproteins (TGRLP) and low density lipoproteins (LDL)

### **Tissue Location**

Plasma protein. Expressed in liver and kidney.

### **APOM Antibody (Center) Blocking Peptide**

- Protocols

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

• Blocking Peptides