10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

APOD Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7423a

Specification

APOD Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P05090

APOD Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 347

Other Names
Apolipoprotein D, Apo-D, ApoD, APOD

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7423a was selected from the N-term region of human APOD. 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.

APOD Antibody (N-term) Blocking Peptide - Protein Information

Name APOD

Function
APOD occurs in the macromolecular complex with lecithin- cholesterol acyltransferase. It is probably involved in the transport and binding of bilin. Appears to be able to transport a variety of ligands in a number of different contexts.

Cellular Location
Secreted.

Tissue Location
Expressed in liver, intestine, pancreas, kidney, placenta, adrenal, spleen, fetal brain tissue and tears

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APOD Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

APOD Antibody (N-term) Blocking Peptide - Images

APOD Antibody (N-term) Blocking Peptide - Background

APOD is a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism.

APOD Antibody (N-term) Blocking Peptide - References

Do Carmo,S., J. Neurosci. 28 (41), 10330-10338 (2008)Chen,Y., Brain Res. 1233, 196-202 (2008)Wei,Y.J., Biomarkers 13 (5), 535-548 (2008)