

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

**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)

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

**APOD Antibody (N-term) Blocking Peptide
- Protocols**

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

- [Blocking Peptides](#)