

Anti-ApolipoProtein D Antibody
Catalog # ABO10712**Specification**

Anti-ApolipoProtein D Antibody - Product Information

Application	WB
Primary Accession	P05090
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Apolipoprotein D(APOD) detection. Tested with WB in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-ApolipoProtein D Antibody - Additional Information

Gene ID 347

Other Names

Apolipoprotein D, Apo-D, ApoD, APOD

Calculated MW

21276 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Secreted.

Tissue Specificity

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

Protein Name

Apolipoprotein D(Apo-D/ApoD)

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human Apolipoprotein D(172-189aa IDVKKMTVTDQVNCPLS).

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-Apolipoprotein D Antibody - 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.

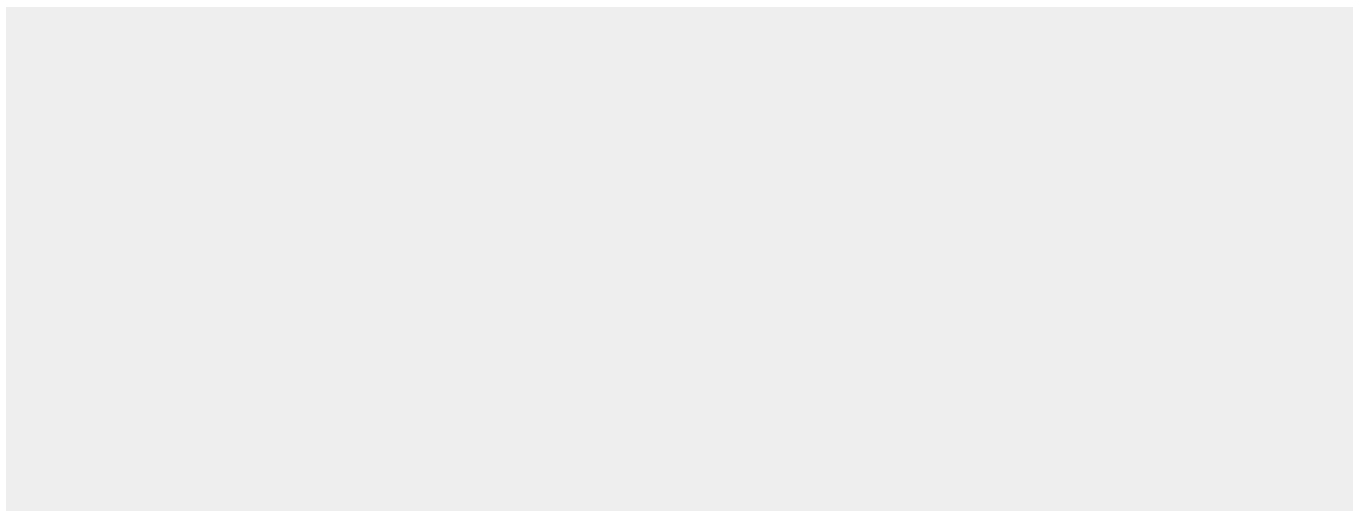
Tissue Location

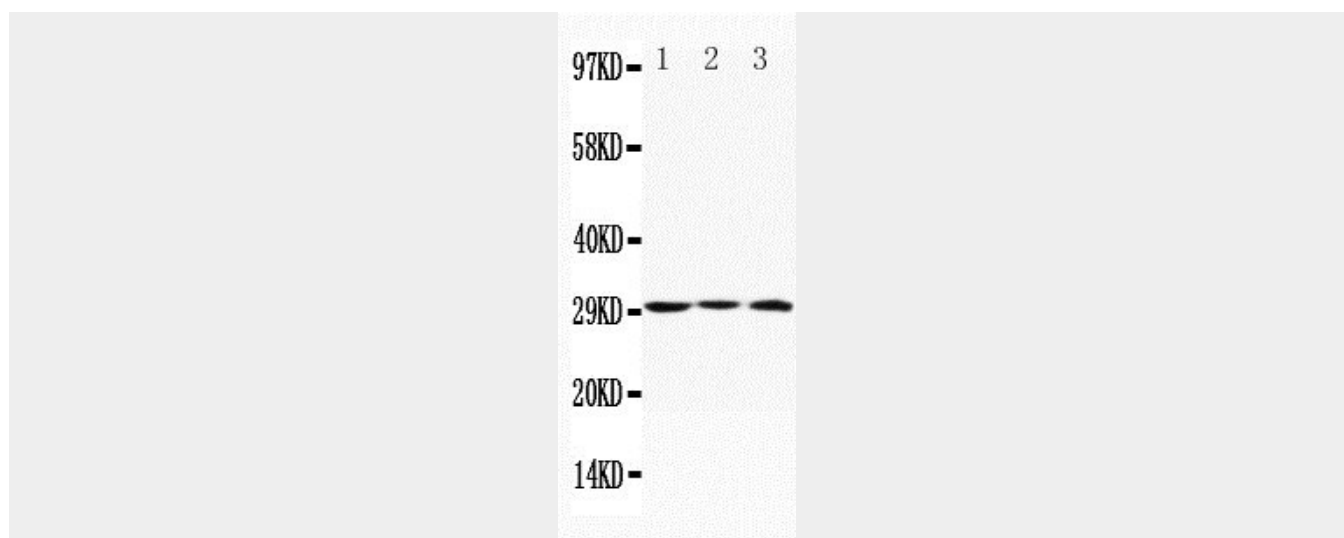
Expressed in liver, intestine, pancreas, kidney, placenta, adrenal, spleen, fetal brain tissue and tears

Anti-Apolipoprotein D Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Apolipoprotein D Antibody - Images



Anti-Apolipoprotein D antibody, ABO10712, Western blotting Lane 1: MCF-7 Cell Lysate Lane 2: HELA Cell Lysate Lane 3: SMMC Cell Lysate

Anti-ApolipoProtein D Antibody - Background

Apolipoprotein D(Apo-D) is a protein that in humans, encoded by the APOD gene. Being a member of the alpha(2 mu)-microglobulin superfamily of carrier proteins, Apo-D is also known as lipocalin. The gene has been localized to the p14.2---qter region of human chromosome 3. It is a glycoprotein of estimated molecular weight 33,000 Da. The Apo-D encoded a protein of 169 amino acid residue. It has been detected in human liver, intestine, pancreas, kidney, placenta, adrenal, spleen, and fetal brain tissue. For its features, Apo-D has been a biomarker of androgen insensitivity syndrome(AIS).