

**apolipoprotein D Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4046a****Specification**

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**apolipoprotein D Antibody (internal region) - Product Information**

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Application       | WB, IHC, Pep-ELISA                                |
| Primary Accession | <a href="#">P05090</a>                            |
| Other Accession   | <a href="#">NP_001638.1</a> , <a href="#">347</a> |
| Reactivity        | Human                                             |
| Host              | Goat                                              |
| Clonality         | Polyclonal                                        |
| Concentration     | 0.5 mg/ml                                         |
| Isotype           | IgG                                               |
| Calculated MW     | 21276                                             |

**apolipoprotein D Antibody (internal region) - Additional Information****Gene ID** 347**Other Names**

Apolipoprotein D, Apo-D, ApoD, APOD

**Dilution**WB~~1:1000  
IHC~~1:100~500  
Pep-ELISA~~N/A**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

apolipoprotein D Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**apolipoprotein D Antibody (internal region) - 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.

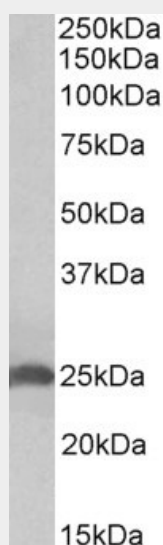
**Cellular Location**  
Secreted.**Tissue Location**

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

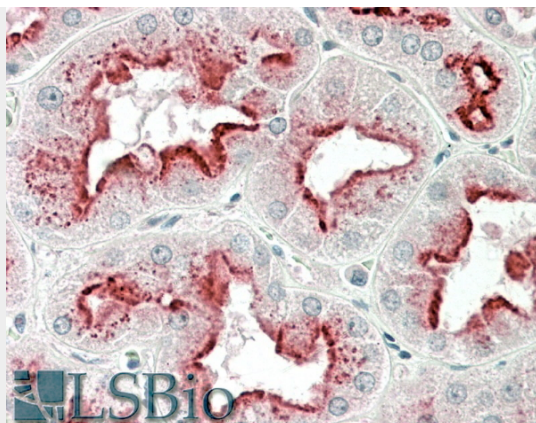
**apolipoprotein D Antibody (internal region) - Protocols**

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

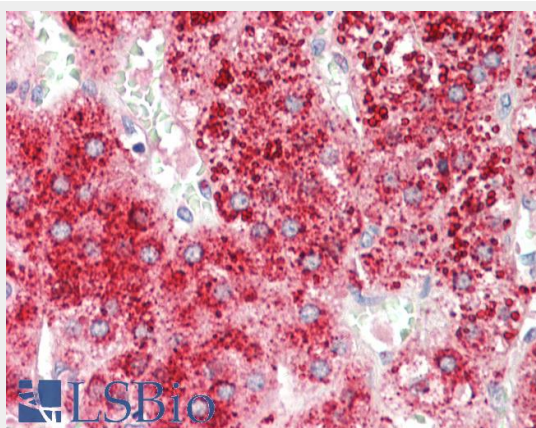
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**apolipoprotein D Antibody (internal region) - Images**

AF4046a (0.3µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF4046a (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



AF4046a (5µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

#### **apolipoprotein D Antibody (internal region) - References**

Increased JNK1 activity contributes to the upregulation of ApoD in the apocrine secretory gland cells from axillary osmidrosis. Chen H, Li Y, Du J, Cao Y, Li X. Mol Cell Biochem. 2011 Aug;354(1-2):311-6. PMID: 21526344