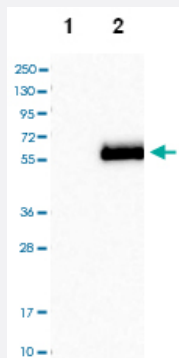


# APOH polyclonal antibody

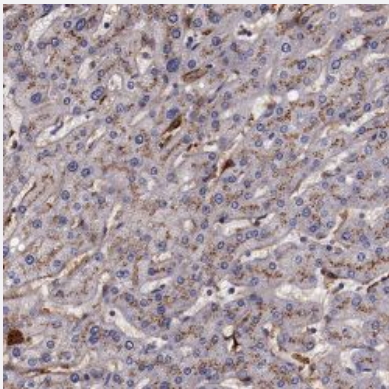
Catalog # PAB28473      Size 100 uL

## Applications



### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with APOH polyclonal antibody.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with APOH polyclonal antibody (Cat # PAB28473) shows moderate cytoplasmic positivity, with a granular pattern, in hepatocytes.

## Specification

|                     |                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against recombinant APOH.                                                                                              |
| Immunogen           | Recombinant protein corresponding to amino acids of human APOH                                                                                           |
| Sequence            | ECREVKCPFPSRPDNGFVNYPKPTLYYKDKATFGCHDGYSLDGPEEIECTKLGNWSAMPSCK<br>ASCKVPVKKATVVYQGERVKIQEKFKNGMLHGDKVSFFCKNKEKKCSYTEDAQCIDGTIEVPKCF<br>KEHSSLAFSKTDASDVK |
| Host                | Rabbit                                                                                                                                                   |
| Reactivity          | Human                                                                                                                                                    |

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Form                | Liquid                                                                                                                              |
| Purification        | Antigen affinity purification                                                                                                       |
| Isotype             | IgG                                                                                                                                 |
| Recommend Usage     | Immunohistochemistry(1:50-1:200)<br>Western Blot(1:100-1:250)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)                                                                                   |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                              |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.              |

## Applications

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## Gene Info — APOH

|                    |                                          |
|--------------------|------------------------------------------|
| Entrez GeneID      | <a href="#">350</a>                      |
| Protein Accession# | <a href="#">P02749</a>                   |
| Gene Name          | APOH                                     |
| Gene Alias         | B2G1, BG                                 |
| Gene Description   | apolipoprotein H (beta-2-glycoprotein I) |
| Omim ID            | <a href="#">138700</a>                   |
| Gene Ontology      | <a href="#">Hyperlink</a>                |

**Gene Summary**

Apolipoprotein H has been implicated in a variety of physiologic pathways including lipoprotein metabolism, coagulation, and the production of antiphospholipid autoantibodies. APOH may be a required cofactor for anionic phospholipid binding by the antiphospholipid autoantibodies found in sera of many patients with lupus and primary antiphospholipid syndrome, but it does not seem to be required for the reactivity of antiphospholipid autoantibodies associated with infections. [provided by RefSeq]

**Other Designations**

apolipoprotein H|beta-2-glycoprotein I

**Disease**

- [Antiphospholipid Syndrome](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Coronary Disease](#)
- [Coronary Thrombosis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hypercholesterolemia](#)
- [Kidney Failure](#)
- [Leprosy](#)

- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Pregnancy Complications](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)