

## Rabbit APOH Polyclonal Antibody | anti-APOH antibody

APOH antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                      | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------|------------------------------------|
| AAA200124 | Rabbit | Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat | Immunohistochemistry, Western Blot |

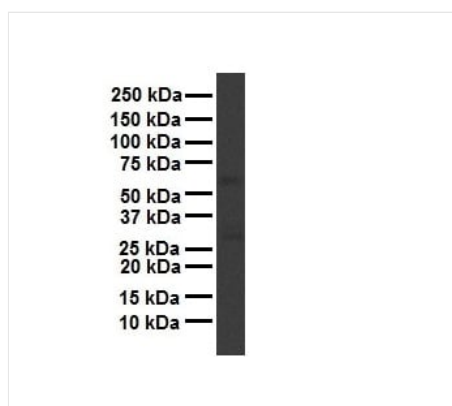
### PRODUCT SYNONYMS

APOH; Polyclonal Antibody; APOH antibody - N-terminal region; anti-APOH antibody

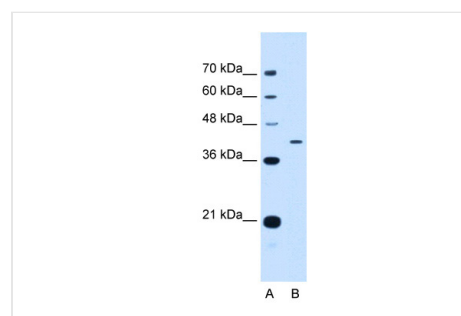
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: LW PINTLKCTPR VCPFAGILEN GAVRYTTTFEY PNTISFSCNT GFYLNAGD                                                 |
| Sequence Length                                | 345                                                                                                                                                   |
| Applicable Applications for anti-APOH antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                       | Cow: 93%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 85%; Pig: 100%; Rabbit: 92%; Rat: 93%                                                           |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human APOH                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

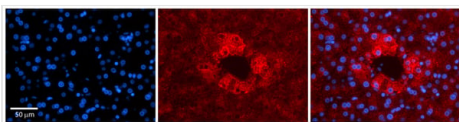
### IMAGES


**WB (Western Blot)**

WB Suggested Anti-APOH antibody Titration: 1 ug/mL Sample Type: Human liver


**WB (Western Blot)**

WB Suggested Anti-APOH Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate APOH is supported by BioGPS gene expression data to be expressed in HepG2



#### IHC (Immunohistochemistry)

Rabbit Anti-APOH Antibody  
Formalin Fixed Paraffin Embedded Tissue: Human Adult liver  
Observed Staining: Cytoplasmic  
Primary Antibody Concentration: 1:600  
Secondary Antibody: Donkey anti-Rabbit-Cy2/3  
Secondary Antibody Concentration: 1:200  
Magnification: 20X  
Exposure Time: 0.5 - 2.0 sec  
Protocol located in Reviews and Data.

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-APOH antibody</b> | This is a rabbit polyclonal antibody against APOH. It was validated on Western Blot using a cell lysate as a positive control.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                           | Target Description: 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. 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. |
| <b>Product Categories/Family for anti-APOH antibody</b>   | Polyclonal; Signal Proteins; Drugs and Drug Metabolism; Cell Biology; Disease Related; DNA/RNA/Protein Interactions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 153266841                      |
| NCBI GeneID                      | 350                            |
| NCBI Accession #                 | NP_000033                      |
| NCBI GenBank Nucleotide #        | NM_000042                      |
| UniProt Accession #              | P02749                         |
| Molecular Weight                 | 36kDa                          |
| NCBI Official Full Name          | beta-2-glycoprotein 1          |
| NCBI Official Synonym Full Names | apolipoprotein H               |
| NCBI Official Symbol             | APOH                           |
| NCBI Official Synonym Symbols    | BG; B2G1; B2GP1                |
| NCBI Protein Information         | beta-2-glycoprotein 1          |
| UniProt Protein Name             | Beta-2-glycoprotein 1          |
| UniProt Gene Name                | APOH                           |
| UniProt Synonym Gene Names       | B2G1; Apo-H; B2GPI; Beta(2)GPI |
| UniProt Entry Name               | APOH_HUMAN                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/apoh-antibody-immunohistochemistry-western-blot-elisa/200124>