

## Chicken ApoA1 Polyclonal Antibody | anti-APOA1 antibody

ApoA1 Antibody

| CATALOG # | HOST    | REACTIVITY        | APPLICATIONS                            |
|-----------|---------|-------------------|-----------------------------------------|
| AAA40187  | Chicken | Human, Mouse, Rat | Immunofluorescence, Western Blot, ELISA |

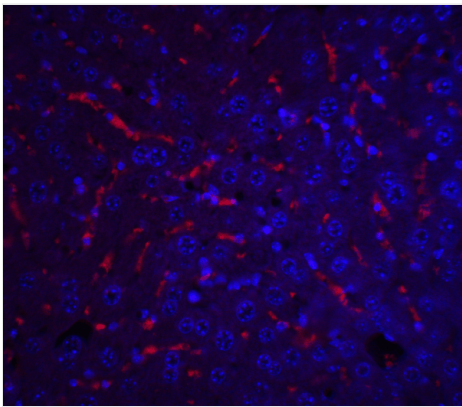
### PRODUCT SYNONYMS

ApoA1; Polyclonal Antibody; ApoA1 Antibody; Apolipoprotein A-I; Apolipoprotein A1; Apo-AI; apolipoprotein A-I; anti-APOA1 antibody

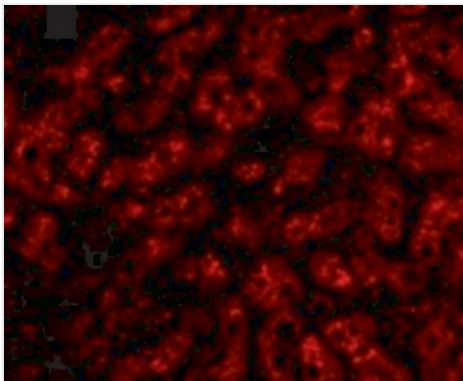
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                             |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Chicken                                                                                                                                                                                                                                                     |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                  |
| Isotype                                         | IgY                                                                                                                                                                                                                                                         |
| Purity/Purification                             | ApoA1 Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                      |
| Concentration                                   | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                     |
| Sequence Length                                 | 267                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-APOA1 antibody | IF (Immunofluorescence), WB (Western Blot), ELISA                                                                                                                                                                                                           |
| Conjugate                                       | Unconjugated                                                                                                                                                                                                                                                |
| Immunogen                                       | ApoA1 antibody was raised against a 17 amino acid synthetic peptide from near the amino terminus of human ApoA1.                                                                                                                                            |
| Buffer                                          | ApoA1 Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                         | ApoA1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

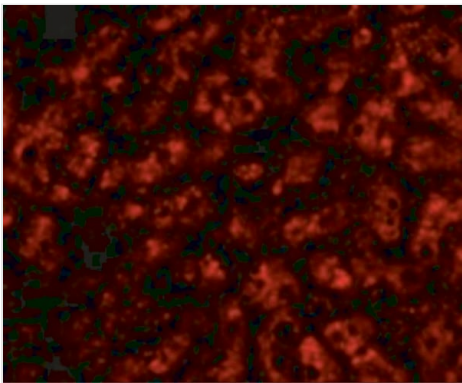
IMAGES



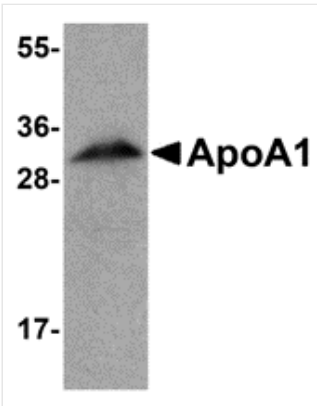
**IF (Immunofluorescence)**  
Immunofluorescence of ApoA1 in mouse liver tissue with ApoA1 antibody at 20  $\mu$ g/mL. Red: ApoA1 Antibody (5097) Blue: DAPI staining



**IF (Immunofluorescence)**  
Immunofluorescence of ApoA1 in Human Liver cells with ApoA1 antibody at 20  $\mu$ g/mL.



**IF (Immunofluorescence)**  
Immunofluorescence of ApoA1 in human liver tissue with ApoA1 antibody at 20  $\mu$ g/mL.



**WB (Western Blot)**  
Western blot analysis of ApoA1 in human liver tissue lysate with ApoA1 antibody at 1  $\mu$ g/mL.

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-APOA1 antibody</b> | ApoA1 Antibody: Apolipoprotein A1 (ApoA1) is the major protein component of high density lipoprotein (HDL) in plasma. ApoA1 is synthesized in the liver and small intestine and promotes cholesterol efflux from tissues to the liver for excretion. It is a cofactor for lecithin cholesterolacyltransferase (LCAT), the enzyme responsible for the formation of most plasma cholesteryl esters. Defects in ApoA1 are associated with HDL deficiency, Tangier disease, and systemic non-neuropathic amyloidosis. |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 113992                                         |
| NCBI GeneID                      | 335                                            |
| UniProt Accession #              | P02647; Q6LDN9; Q6Q785; Q9UCS8; Q9UCT8; A8K866 |
| Molecular Weight                 | 30,778 Da                                      |
| NCBI Official Full Name          | Apolipoprotein A-I                             |
| NCBI Official Synonym Full Names | apolipoprotein A-I                             |
| NCBI Official Symbol             | APOA1                                          |
| NCBI Protein Information         | apolipoprotein A-I; apo-AI                     |
| UniProt Protein Name             | Apolipoprotein A-I                             |

|                            |                           |
|----------------------------|---------------------------|
| UniProt Gene Name          | APOA1                     |
| UniProt Synonym Gene Names | Apo-AI; ApoA-I; ProapoA-I |
| UniProt Entry Name         | APOA1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/apoa1-antibody-immunofluorescence-western-blot-elisa/40187>