

## Rabbit ApoA1 Polyclonal Antibody | anti-ApoA1 antibody

ApoA1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                            |
|-----------|--------|-------------------|-----------------------------------------|
| AAA307430 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Western Blot, ELISA |

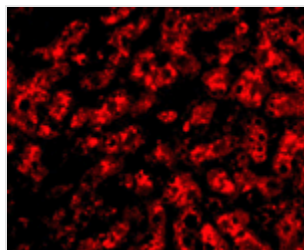
### PRODUCT SYNONYMS

ApoA1; Polyclonal Antibody; ApoA1 Antibody; Apolipoprotein A1; ApoAI; anti-ApoA1 antibody

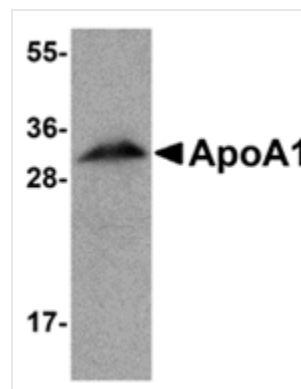
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                 |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                                                                                             |
| Purity/Purification                             | Affinity chromatography purified via peptide column                                                                                                                                                    |
| Form/Format                                     | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                         |
| Sequence Length                                 | 267                                                                                                                                                                                                    |
| Applicable Applications for anti-ApoA1 antibody | IF (Immunofluorescence), WB (Western Blot), ELISA                                                                                                                                                      |
| Immunogen Type                                  | Peptide                                                                                                                                                                                                |
| Immunogen Description                           | Raised against a 17 amino acid peptide from near the amino terminus of human ApoA1.                                                                                                                    |
| Target Name                                     | ApoA1                                                                                                                                                                                                  |
| Preparation and Storage                         | Can be stored at -20 degree C, stable for 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 human liver tissue with ApoA1 antibody at 20 ug/mL.


**WB (Western Blot)**

Western blot analysis of ApoA1 in human liver tissue lysate with ApoA1 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-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. |
| Product Categories/Family for anti-ApoA1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 4557321                                        |
| NCBI GeneID                      | 335                                            |
| NCBI Accession #                 | NP_000030.1                                    |
| NCBI GenBank Nucleotide #        | NM_000039.1                                    |
| UniProt Accession #              | P02647; Q6LDN9; Q6Q785; Q9UCS8; Q9UCT8; A8K866 |
| Molecular Weight                 | 30,778 Da                                      |
| NCBI Official Full Name          | apolipoprotein A-I preproprotein               |
| NCBI Official Synonym Full Names | apolipoprotein A-I                             |
| NCBI Official Symbol             | APOA1                                          |
| NCBI Protein Information         | apolipoprotein A-I                             |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apoa1-antibody-immunofluorescence-western-blot-elisa/307430>