# Mouse anti-Rat Apolipoprotein A1 Monoclonal Antibody | anti-APOA1 antibody

Monoclonal Antibody to Apolipoprotein A1 (APOA1)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA141348** | **Mouse** | **Rat** | **ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot** |

## PRODUCT SYNONYMS

Apolipoprotein A1; Monoclonal Antibody; Monoclonal Antibody to Apolipoprotein A1 (APOA1); anti-APOA1 antibody

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Mouse |
| **Reactivity** | Rat |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 Kappa |
| **Clone Number** | 9# |
| **Specificity** | The antibody is a mouse monoclonal antibody raised against APOA1. It has been selected for its ability to recognize APOA1 in immunohistochemical staining and western blotting. |
| **Purity/Purification** | Affinity Chromatography |
| **Form/Format** | Liquid |
| **Concentration** | 1mg/mL (varies by lot) |
| **Sequence Length** | 264 |
| **Applicable Applications for anti-APOA1 antibody** | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot) |
| **Organism Species** | Rattus norvegicus (Rat) |
| **Cross Reactivity** | Rat |
| **Conjugated Antibody** | The APC conjugated antibody version of this item is also available as |
| **Preparation and Storage** | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

## IMAGES



**WB (Western Blot)**
Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**
Western Blot: Sample: Rat Serum; Primary Ab: 900 Mouse Anti-Rat APOA1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 6978515 |

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|---|---|
| **NCBI GeneID** | 25081 |
| **NCBI Accession #** | NP_036870.1 |
| **NCBI GenBank Nucleotide #** | NM_012738.1 |
| **UniProt Accession #** | P04639; O08877; O09054; Q5EBB2 |
| **Molecular Weight** | 30,062 Da |
| **NCBI Official Full Name** | apolipoprotein A-I preproprotein |
| **NCBI Official Synonym Full Names** | apolipoprotein A1 |
| **NCBI Official Symbol** | Apoa1 |
| **NCBI Official Synonym Symbols** | apoA-I |
| **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 |

**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/monoclonal/apolipoprotein-a1-antibody-clone-9-immunohistochemistry-immunocytochemistry-western-blot-elisa/141348