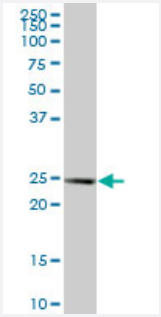
MaxPab®

# APOA1 purified MaxPab mouse polyclonal antibody (B01P)

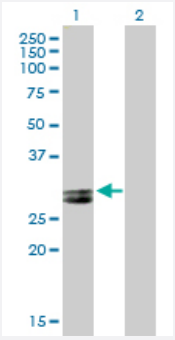
Catalog # H00000335-B01P Size 50 ug

## Applications




### Western Blot (Tissue lysate)

APOA1 MaxPab polyclonal antibody. Western Blot analysis of APOA1 expression in human colon.




### Western Blot (Transfected lysate)

Western Blot analysis of APOA1 expression in transfected 293T cell line (H00000335-T01) by APOA1 MaxPab polyclonal antibody.

Lane 1: APOA1 transfected lysate(29.37 KDa).
Lane 2: Non-transfected lysate.

## Specification

| | |
|---|---|
| **Product Description** | Mouse polyclonal antibody raised against a full-length human APOA1 protein. |
| **Immunogen** | APOA1 (NP_000030.1, 1 a.a. ~ 267 a.a) full-length human protein. |
| **Sequence** | MKAAVLTLAVLFLTGSQARHFWQQDEPPQSPWDRVKDLATVYVDVLKDSGRDYVSQFEGSALG KQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFWDNLEKETEGLRQEMSKDLEEVKAKVQPYLD DFQKKWQEEMELYRQKVEPLRAELQEGARQKLHELQEKLSPLGEEMRDRARAHVDALRTHLAP YSDELRQRLAARLEALKENGGARLAEYHAKATEHLSTLSEKAKPALEDLRQGLLPVLESFKVSFL SALEEYTKKLNTQ |
| **Host** | Mouse |

| | |
|---|---|
| **Reactivity** | Human |
| **Quality Control Testing** | Antibody reactive against mammalian transfected lysate. |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Tissue lysate)

  APOA1 MaxPab polyclonal antibody. Western Blot analysis of APOA1 expression in human colon.

  Protocol Download

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  Protocol Download

## Gene Info — APOA1

| | |
|---|---|
| **Entrez GeneID** | 335 |
| **GeneBank Accession#** | NM_000039 |
| **Protein Accession#** | NP_000030.1 |
| **Gene Name** | APOA1 |
| **Gene Alias** | MGC117399 |
| **Gene Description** | apolipoprotein A-I |
| **Omim ID** | 107680 604091 |
| **Gene Ontology** | Hyperlink |

| | |
|---|---|
| **Gene Summary** | This gene encodes apolipoprotein A-I, which is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000069346\|OTTHUMP00000069347\|OTTHUMP00000069348\|apolipoprotein A1 |

## Pathway

- PPAR signaling pathway

## Disease

- Albuminuria
- Alzheimer disease
- Anemia
- Angina Pectoris
- Aortic Valve Stenosis
- Atherosclerosis
- Brain Ischemia
- Calcinosis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cerebral Hemorrhage
- Cerebral Infarction
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chorioamnionitis
- Cleft Lip

- Cleft Palate
- Cognition
- Cognition Disorders
- Coronary Artery Disease
- Coronary Disease
- Coronary Stenosis
- Dementia
- Diabetes Mellitus
- Diabetic Angiopathies
- Diseases in Twins
- Ductus Arteriosus
- Dyslipidemias
- Edema
- Femur Head Necrosis
- Fetal Membranes
- Gallstones
- Genetic Predisposition to Disease
- Gout
- Hepatitis
- Hepatitis C
- HIV Infections
- Hypercholesterolemia
- Hyperlipidemia
- Hyperlipidemias
- Hypertension
- Hypertriglyceridemia

- Hyperuricemia
- Hypolipoproteinemias
- Infant
- Inflammation
- Insulin Resistance
- Intracranial Aneurysm
- Intracranial Arteriosclerosis
- Kidney Failure
- Metabolic Syndrome X
- Multiple Sclerosis
- Myocardial Infarction
- Myocardial Ischemia
- Neuropsychological Tests
- Obesity
- Obstetric Labor
- Postoperative Complications
- Pre-Eclampsia
- Premature Birth
- Recurrence
- Retinal Diseases
- Thrombosis
- Verbal Learning
- Werner syndrome