

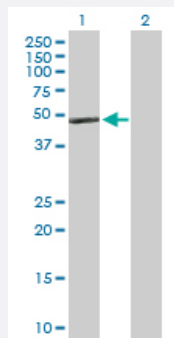
MaxPab®

# APOA4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H000003337-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of APOA4 expression in transfected 293T cell line ([H000003337-T01](#)) by APOA4 MaxPab polyclonal antibody.

Lane 1: APOA4 transfected lysate(45.40 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human APOA4 protein.

### Immunogen

APOA4 (AAH74764.1, 1 a.a. ~ 396 a.a) full-length human protein.

### Sequence

MFLKAVVLTALVAVAGARAEVSADQVATVMWDYFSQLSNNAKEAVEHLQKSEL TQQLNALFQ  
DKLGEVNTYAGDLQKKLVPFATELHERLAKDSEKLKEEIGKELEELRARLLPHANEVSQKIGDNL  
ELQQRLEPYADQLRTQVNTQAEQLRRQLTPYAQRMERVLRENADSLQASLRPHADELKAKIDQN  
VEELKGR LTPYADEFKVKIDQTVEELRRSLAPYAQDTQEKLNHQLEGLTFQMKKNAEELKARISAS  
AEELRQRLAPLAEDVRGNLRGNTGLQKSLAELGGHLDQQVEEFRRRVEPYGENFNKALVQQM  
EQLRQKLGPHAGDVEGHLSFLEKDLRDKVNSFFSTFKEKESQDKTSLPELEQQQEQQQEQQQ  
EQVQMLAPLES

### Host

Rabbit

### 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 (Transfected lysate)

Western Blot analysis of APOA4 expression in transfected 293T cell line ([H00000337-T01](#)) by APOA4 MaxPab polyclonal antibody.

Lane 1: APOA4 transfected lysate(45.40 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — APOA4

Entrez GeneID [337](#)

GeneBank Accession# [BC074764.2](#)

Protein Accession# [AAH74764.1](#)

Gene Name APOA4

Gene Alias MGC142154, MGC142156

Gene Description apolipoprotein A-IV

Omim ID [107690](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro. [provided by RefSeq]

Other Designations -

## Disease

- [Amyotrophic lateral sclerosis](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)

- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Disorders](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemia Type IV](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hyperuricemia](#)

- [Infant](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pulmonary Disease](#)
- [Pulmonary Embolism](#)
- [Recurrence](#)
- [Stroke](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)