

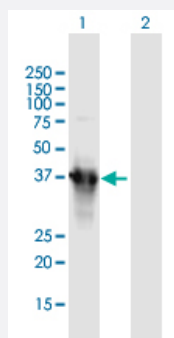
MaxPab®

APOA5 MaxPab mouse polyclonal antibody (B01)

Catalog # H00116519-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of APOA5 expression in transfected 293T cell line ([H00116519-T01](#)) by APOA5 MaxPab polyclonal antibody.

Lane 1: APOA5 transfected lysate(40.26 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human APOA5 protein.

Immunogen

APOA5 (AAI01790.1, 1 a.a. ~ 366 a.a) full-length human protein.

Sequence

MASMAAVLTWALALLSAFSATQARKGFWDYFSQTSGDKGRVEQIHQQKMAREPATLKDSLEQD
LNNMNKFLEKLRLPSGSEAPRLPQDPVGMRRQLQEELEEVEVKARLQPYMAEAHELVGWNLEGLR
QQLKPYTMDLMEQVALRVQELQEQLRVVGEDTKAQLLGGVDEAWALLQGLQSRVVHHTGRFKE
LFHPYAESLVSGIGRHVQELHRSVAPHAPASPARLSRCVQVLSRKLTAKAKALHARIQQNLDQLR
EELSRAFAGTGTEEGAGPDPQMLSEEVQRQLQAFRQDTYLQIAAFTRAIDQETEEVQQQLAPPPP
GHSFAPEFQQTDSGKVL SKLQARLDDLWEDITHSLHDQGHSHLGDP

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (72); Rat (71)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note

For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of APOA5 expression in transfected 293T cell line ([H00116519-T01](#)) by APOA5 MaxPab polyclonal antibody.

Lane 1: APOA5 transfected lysate(40.26 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — APOA5

Entrez GeneID [116519](#)

GeneBank Accession# [NM_052968.3](#)

Protein Accession# [AAI01790.1](#)

Gene Name APOA5

Gene Alias APOA-V, APOAV, MGC126836, MGC126838, RAP3

Gene Description apolipoprotein A-V

Omim ID [144650](#) [145750](#) [606368](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an apolipoprotein and an important determinant of plasma tri glyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. This gene uses alternate polyadenylation sites and is located proximal to the apolipoprotein gene cluster on chromosome 11q23. [provided by RefSeq]

Other Designations apolipoprotein A-V precursor variant 1|apolipoprotein A-V precursor variant 2|apolipoprotein A5|apolipoprotein AV|regeneration-associated protein 3

Publication Reference

- [Apolipoprotein A5 deficiency aggravates high-fat diet-induced obesity due to impaired central regulation of food intake.](#)

van den Berg SA, Heemskerk MM, Geerling JJ, van Klinken JB, Schaap FG, Bijland S, Berbee JF, van Harmelen VJ, Pronk AC, Schreurs M, Havekes LM, Rensen PC, van Dijk KW.

FASEB Journal 2013 Aug; 27(8):3354.

Application: Injection, Recombinant protein

Pathway

- [PPAR signaling pathway](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Aortic Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [DNA Damage](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type I](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemia Type III](#)
- [Hyperlipoproteinemias](#)
- [Hypertriglyceridemia](#)
- [Hypolipoproteinemias](#)
- [Infant](#)
- [Insulin Resistance](#)

- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Pancreatitis](#)
- [Pregnancy Complications](#)
- [Renal Insufficiency](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Weight Loss](#)
- [Werner syndrome](#)