

APOA5 rabbit monoclonal antibody

Catalog # H00116519-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human APOA5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human APOA5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human APOA5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — APOA5

Entrez GeneID	116519
GeneBank Accession#	APOA5
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 triacylglyceride 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

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](#)