

APOA4 rabbit monoclonal antibody

Catalog # H00000337-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human APOA4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human APOA4 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 APOA4 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 — APOA4

Entrez GeneID	337
GeneBank Accession#	APOA4
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](#)