RecomAb™

APOA4 recombinant monoclonal antibody, clone R02-9J8

Catalog # RAB05600 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human APOA4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against corresponding to human APOA4.
Theoretical MW (kDa)	Calculated MW: 45 kD
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Immunoprecipitation (1/20) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunoprecipitation

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Gene Info — APOA4

Entrez GeneID	337
Gene Name	APOA4
Gene Alias	MGC142154, MGC142156
Gene Description	apolipoprotein A-IV
Omim ID	107690
Gene Ontology	Hyperlink
Gene Summary	Apoliprotein (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

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- 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

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- Obstetric Labor

- Osteoporosis
- Pulmonary Disease
- Pulmonary Embolism
- Recurrence
- Stroke
- Thromboembolism
- Thrombophilia
- Thrombosis
- Urinary Bladder Neoplasms
- Venous Thrombosis
- Werner syndrome

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