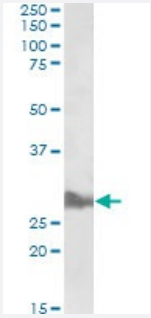
APOA1 polyclonal antibody

Catalog # PAB27621 Size 100 ug

Applications



Western Blot (Tissue lysate)

APOA1 polycolnal antibody (Cat # PAB27621) (0.5ug/ml) staining of liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of APOA1.
Immunogen	A synthetic peptide corresponding to human APOA1.
Sequence	DSVTSTFSKLREQ
Host	Goat
Theoretical MW (kDa)	28
Reactivity	Human
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) Western Blot (0.5-2ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction	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 (Tissue lysate)

  APOA1 polycolnal antibody (Cat # PAB27621) (0.5ug/ml) staining of liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — APOA1

Entrez GeneID	335
Protein Accession#	NP_000030.1
Gene Name	APOA1
Gene Alias	MGC117399
Gene Description	apolipoprotein A-I
Omim ID	107680 604091
Gene Ontology	Hyperlink
Gene Summary	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipopr otein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretio n, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the for mation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotei n genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. [provided by RefSeq
Other Designations	OTTHUMP00000069346|OTTHUMP00000069347|OTTHUMP00000069348|apolipoprotein A1

Pathway

- PPAR signaling pathway

Disease

- Albuminuria
- Alzheimer disease
- Anemia
- Angina Pectoris
- Aortic Valve Stenosis
- Atherosclerosis
- Brain Ischemia
- Calcinosis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cerebral Hemorrhage
- Cerebral Infarction
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chorioamnionitis
- Cleft Lip
- Cleft Palate
- Cognition
- Cognition Disorders
- Coronary Artery Disease
- Coronary Disease
- Coronary Stenosis
- Dementia
- Diabetes Mellitus

- Diabetic Angiopathies
- Diseases in Twins
- Ductus Arteriosus
- Dyslipidemias
- Edema
- Femur Head Necrosis
- Fetal Membranes
- Gallstones
- Genetic Predisposition to Disease
- Gout
- Hepatitis
- Hepatitis C
- HIV Infections
- Hypercholesterolemia
- Hyperlipidemia
- Hyperlipidemias
- Hypertension
- Hypertriglyceridemia
- Hyperuricemia
- Hypolipoproteinemias
- Infant
- Inflammation
- Insulin Resistance
- Intracranial Aneurysm
- Intracranial Arteriosclerosis
- Kidney Failure

- Metabolic Syndrome X
- Multiple Sclerosis
- Myocardial Infarction
- Myocardial Ischemia
- Neuropsychological Tests
- Obesity
- Obstetric Labor
- Postoperative Complications
- Pre-Eclampsia
- Premature Birth
- Recurrence
- Retinal Diseases
- Thrombosis
- Verbal Learning
- Werner syndrome