

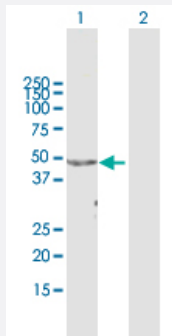
MaxPab®

APOA4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000337-B01P

Size 50 ug

Applications

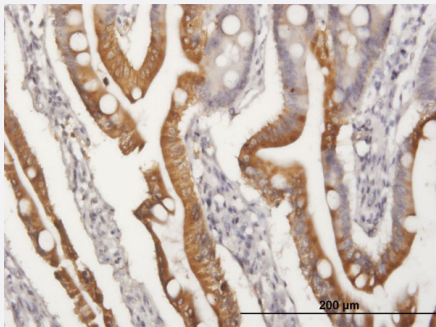


Western Blot (Transfected lysate)

Western Blot analysis of APOA4 expression in transfected 293T cell line ([H00000337-T01](#)) by APOA4 MaxPab polyclonal antibody.

Lane 1: APOA4 transfected lysate(43.56 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to APOA4 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human APOA4 protein.

Immunogen

APOA4 (AAH74764.1, 1 a.a. ~ 396 a.a) full-length human protein.

Sequence

MFLKAVVLTALVAVAGARAEVSADQVATVMWDYFSQLSNNAKEAVEHLQKSEL TQQLNALFQ
DKLGEVNTYAGDLQKKLVPFATELHERLAKDSEKLKEEIGKELEELRARLLPHANEVSQKIGDNL
ELQQRLEPYADQLRTQVNTQAEQLRRQLTPYAQRMERVLRENADSLQASLRPHADELKAKIDQN
VEELKGRLLPYADEFKVKIDQTVEELRRSLAPYAQDTQEKLNHQLEGLTFQMKKNAEELKARISAS
AEELRQRLAPLAEDVRGNLRGNTGLQKSLAELGGHLDQQVEEFRRRVEPYGENFNKALVQQM
EQLRQKLGPAGDVEGHLSFLEKDLRDKVNSFFSTFKEKESQDKTSLPELEQQQEQQQEQQQ
EQVQMLAPLES

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to APOA4 on formalin-fixed paraffin-embedded human small intestine. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Gene Info — APOA4

Entrez GeneID	337
GeneBank Accession#	BC074764.2
Protein Accession#	AAH74764.1
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

-

Publication Reference

- [Increased Prothrombin, Apolipoprotein A-IV, and Haptoglobin in the Cerebrospinal Fluid of Patients with Huntington's Disease.](#)

Huang YC, Wu YR, Tseng MY, Chen YC, Hsieh SY, Chen CM.

PLoS One 2011 Jan; 6(1):e15809.

Application: WB, Human, Cerebrospinal fluid, Serum

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](#)

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- [Hypercholesterolemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemia Type IV](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
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- [Infant](#)
- [Inflammation](#)
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- [Lung Neoplasms](#)
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- [Osteoporosis](#)
- [Pulmonary Disease](#)

- [Pulmonary Embolism](#)
- [Recurrence](#)
- [Stroke](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Venous Thrombosis](#)
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