

Datasheet for ABIN308433

anti-APOA4 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	APOA4
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This APOA4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	apolipoprotein A-IV (mouse)
Immunogen:	Peptide with sequence C-QETERVKKEIKKELED, from the internal region of the protein sequence according to NP_031494.2.
Sequence:	QETERVKKEI KKELED
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

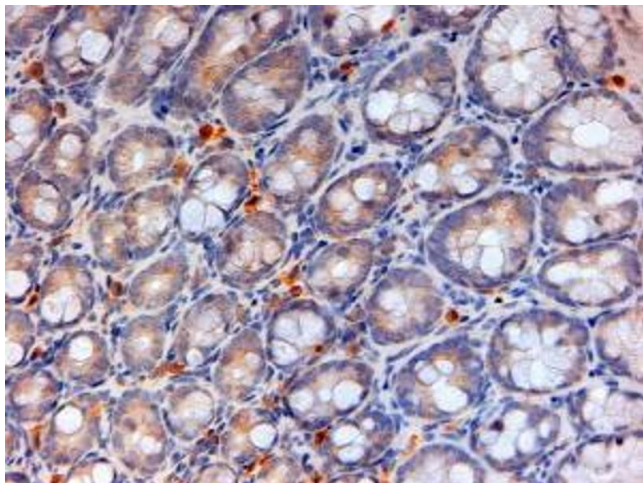
Target:	APOA4
Alternative Name:	Apoa4 (APOA4 Products)
Background:	Apoa4, apolipoprotein A-IV, Apoa-4
Gene ID:	11808
NCBI Accession:	NP_031494
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Mouse Colon shows staining of cells between the villi, consistent with the observations with the related EB07581. Recommended concentration: 2-4 µg/mL. Western Blot: Preliminary experiments in Mouse and Rat Liver lysates gave no specific signal but low background (at antibody concentration up to 1 µg/mL). Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN308433 (2µg/ml) staining of paraffin embedded Mouse Colon. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.