

Datasheet for ABIN190883

anti-APOA4 antibody (Internal Region)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	APOA4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This APOA4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	APOA4
Immunogen:	Peptide with sequence C-KEKESQDKTSLP, from the internal region (near the C Terminus) of the protein sequence according to NP_000473.2.
Sequence:	KEKESQDKTL SLP
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

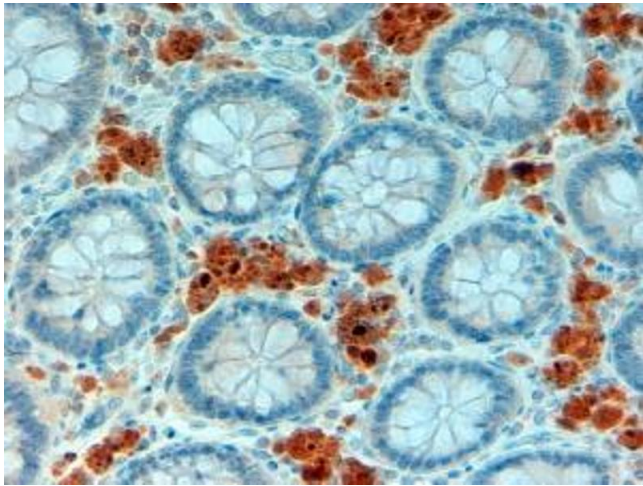
Target:	APOA4
Alternative Name:	APOA4 (APOA4 Products)
Background:	APOA4, apolipoprotein A-IV , MGC142154, MGC142156
Gene ID:	337
NCBI Accession:	NP_000473
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Western Blot: Approx 45 kDa band observed in Human Duodenum lysates (calculated MW of 45.4 kDa according to NP_000473.2). Recommended concentration: 0.01-0.03 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:64000.
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.

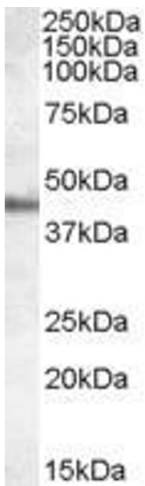


Immunohistochemistry

Image 1. ABIN190883 (2µg/ml) staining of paraffin embedded Human Intestine. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining. This data is from a previous batch, not on sale.



Image 2. ABIN190883 (0.01µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN190883 (0.01µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.