

Datasheet for ABIN7440722
anti-APOA4 antibody (AA 21-391)

3 Images

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Overview

Quantity:	100 µL
Target:	APOA4
Binding Specificity:	AA 21-391
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Apolipoprotein A4 (APOA4)
Immunogen:	Recombinant Apolipoprotein A4 (APOA4) corresponding to Glu21~Ser391 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against APOA4. It has been selected for its ability to recognize APOA4 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	APOA4
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Target Details

Alternative Name: Apolipoprotein A4 ([APOA4 Products](#))

Background: ApoA-IV, ApoAIV, Apo-A4

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: Western blotting: 0.5-2 µg/mL
1:500-2000 Immunohistochemistry: 5-20 µg/mL
1:50-200 Immunocytochemistry: 5-20 µg/mL
1:50-200 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

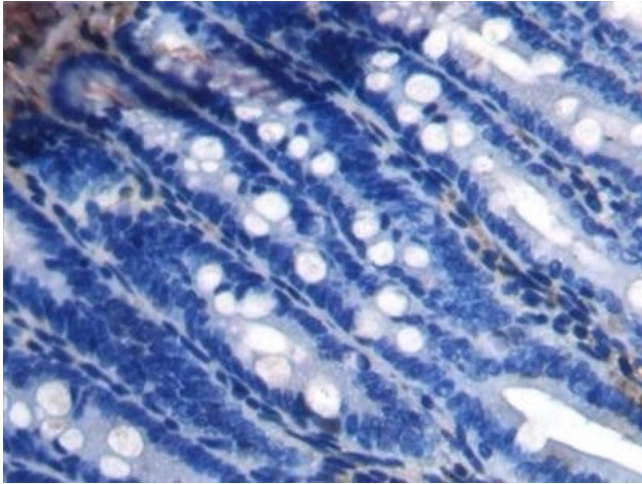
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

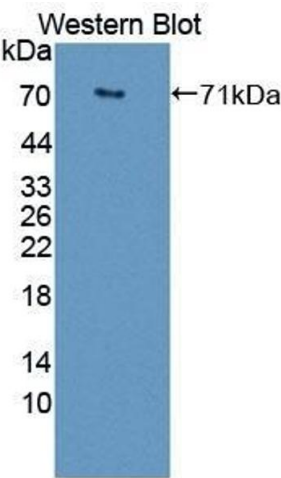
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



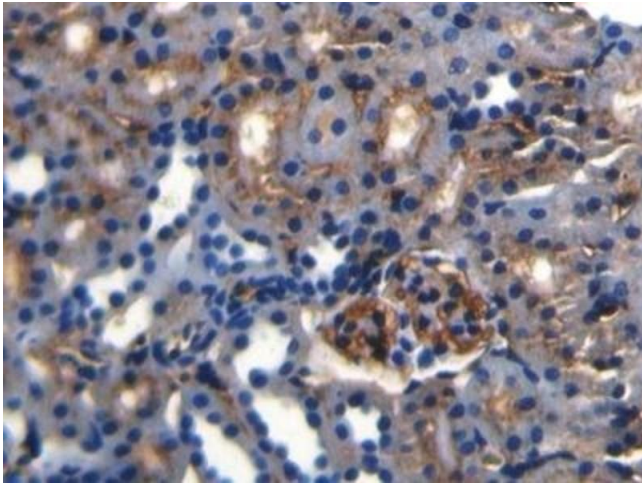
Immunohistochemistry

Image 1. Detection of APOA4 in Rat Small intestine Tissue using Polyclonal Antibody to Apolipoprotein A4 (APOA4)



Western Blotting

Image 2. Detection of Recombinant APOA4, Rat using Polyclonal Antibody to Apolipoprotein A4 (APOA4)



Immunohistochemistry

Image 3. Detection of APOA4 in Rat Kidney Tissue using Polyclonal Antibody to Apolipoprotein A4 (APOA4)