

Datasheet for ABIN7427357
anti-APOA1 antibody (AA 25-265)

3 Images

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Overview

Quantity:	100 µL
Target:	APOA1
Binding Specificity:	AA 25-265
Reactivity:	Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Apolipoprotein A1 (APOA1)
Immunogen:	Recombinant Apolipoprotein A1 (APOA1) corresponding to Asp25~Gln265 (Accession # P18648) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against APOA1. It has been selected for its ability to recognize APOA1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	APOA1
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Target Details

Alternative Name:	Apolipoprotein A1 (APOA1 Products)
Background:	Apo-A1, ApoA-1 Milano, ProapoA-I, Proapolipoprotein A-I, Truncated apolipoprotein A-I
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Production of Molecular Mediator of Immune Response , Lipid Metabolism

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:500-5000 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

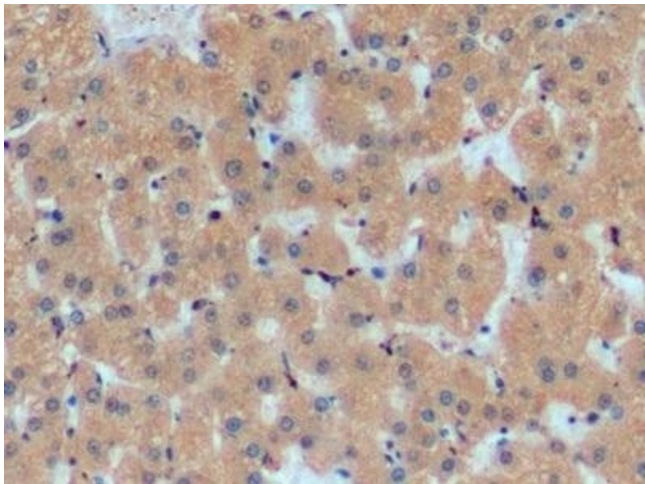
Handling

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



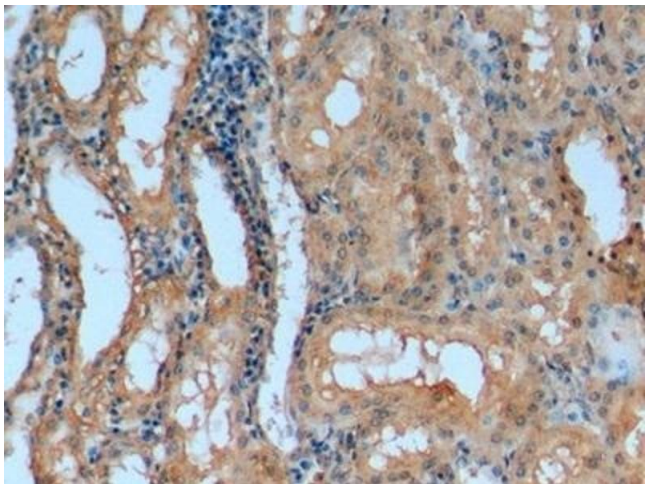
Western Blotting

Image 1. Detection of APOA1 in Porcine Serum using Monoclonal Antibody to Apolipoprotein A1 (APOA1)



Immunohistochemistry

Image 2. Detection of APOA1 in Porcine Liver Tissue using Monoclonal Antibody to Apolipoprotein A1 (APOA1)



Immunohistochemistry

Image 3. Detection of APOA1 in Porcine Kidney Tissue using Monoclonal Antibody to Apolipoprotein A1 (APOA1)