



Datasheet for ABIN7427360
anti-APOA1 antibody



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3 Images

Overview

Quantity:	100 µL
Target:	APOA1
Reactivity:	Rat
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)
Clone:	9#
Isotype:	IgG1 kappa
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: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL 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

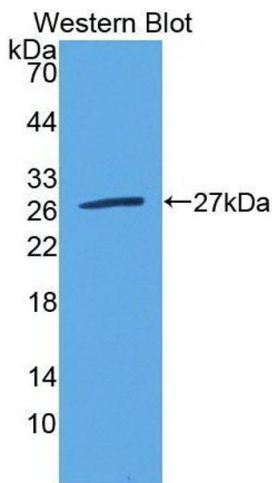
Handling

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 Rat Liver lysate using Monoclonal Antibody to Apolipoprotein A1 (APOA1)



Western Blotting

Image 2. Detection of recombinant APOA1 using Monoclonal Antibody to Apolipoprotein A1 (APOA1)



Western Blotting

Image 3. Detection of APOA1 in Rat Serum using Monoclonal Antibody to Apolipoprotein A1 (APOA1)