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Datasheet for ABIN7427534
anti-APOA4 antibody (AA 21-382)

2 Images

Overview

Quantity:	100 µL
Target:	APOA4
Binding Specificity:	AA 21-382
Reactivity:	Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Apolipoprotein A4 (APOA4)
Immunogen:	Recombinant Apolipoprotein A4 (APOA4) corresponding to Glu21~Gly382 (Accession # O46409) with N-terminal His and GST Tag
Clone:	A8
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against APOA4. It has been selected for its ability to recognize APOA4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Protein A + Protein G affinity chromatography

Target Details

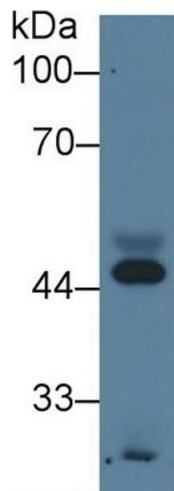
Target:	APOA4
Alternative Name:	Apolipoprotein A4 (APOA4 Products)
Background:	ApoA-IV, ApoAIV, Apo-A4
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

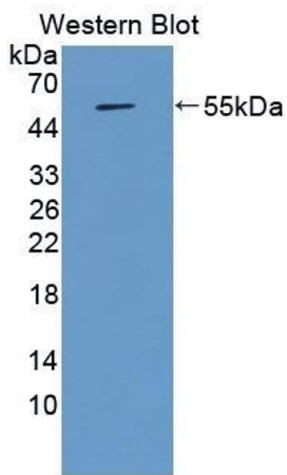
Handling

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 APOA4 in Human Serum using Monoclonal Antibody to Apolipoprotein A4 (APOA4)



Western Blotting

Image 2. Detection of Recombinant APOA4, Porcine using Monoclonal Antibody to Apolipoprotein A4 (APOA4)