

Datasheet for ABIN2785787
anti-APOA2 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	APOA2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Guinea Pig, Horse, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human APOA2
Sequence:	MKLLAATVLL LTICSLEGAL VRRQAKEPCV ESLVSQYFQT VTDYGKDLME
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 85%, Rabbit: 79%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against APOA2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	APOA2
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Target Details

Alternative Name:	APOA2 (APOA2 Products)
Background:	<p>This gene encodes apolipoprotein (apo-) A-II, which is the second most abundant protein of the high density lipoprotein particles. The protein is found in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in this gene may result in apolipoprotein A-II deficiency or hypercholesterolemia.</p> <p>Alias Symbols: apoAII, Apo-AII, ApoA-II</p> <p>Protein Interaction Partner: CATSPER1, DGAT1, LCAT, APOD, APOA1, ALB, VKORC1, ABCA13, SCARB1, APOA1BP, PLTP, C4A, APOF, APOC1, APOA2,</p> <p>Protein Size: 100</p>
Molecular Weight:	9 kDa
Gene ID:	336
NCBI Accession:	NM_001643 , NP_001634
UniProt:	P02652
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Production of Molecular Mediator of Immune Response , Negative Regulation of Transporter Activity , Lipid Metabolism

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 100 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.

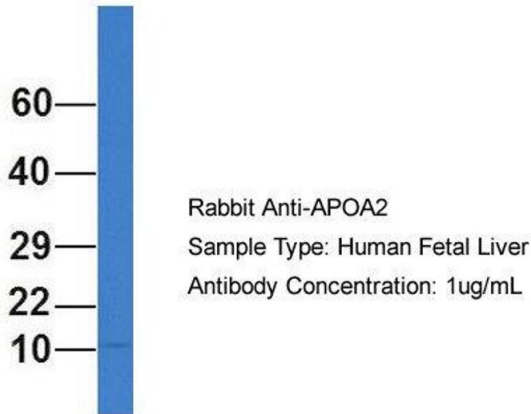
Handling

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

APOA2



Western Blotting

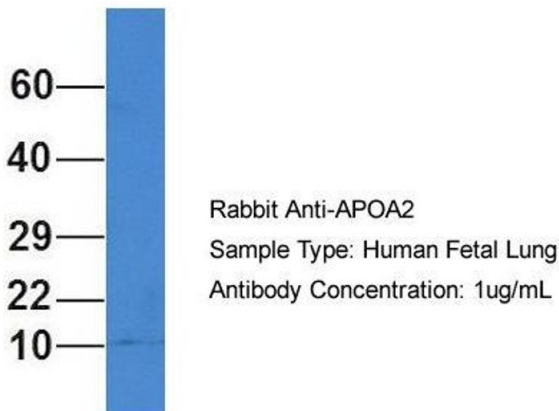
Image 1. Host: Rabbit

Target Name: APOA2

Sample Tissue: Human Fetal Liver

Antibody Dilution: 1.0 µg/mL

APOA2



Western Blotting

Image 2. Host: Rabbit

Target Name: APOA2

Sample Tissue: Human Fetal Lung

Antibody Dilution: 1.0 µg/mL