

Datasheet for ABIN7294828
anti-ACAT1 antibody (Center)



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2 Images

Overview

Quantity:	100 µL
Target:	ACAT1
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ACAT1.
Specificity:	Recognizes endogenous levels of ACAT1 protein.
Characteristics:	Rabbit polyclonal antibody to ACAT1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	ACAT1
Alternative Name:	ACAT1 (ACAT1 Products)
Background:	ACAT, MAT, Acetyl-CoA acetyltransferase, mitochondrial, Acetoacetyl-CoA thiolase, T2

Target Details

Gene ID:	38, 110446, 25014
UniProt:	P24752 , Q8QZT1 , P17764

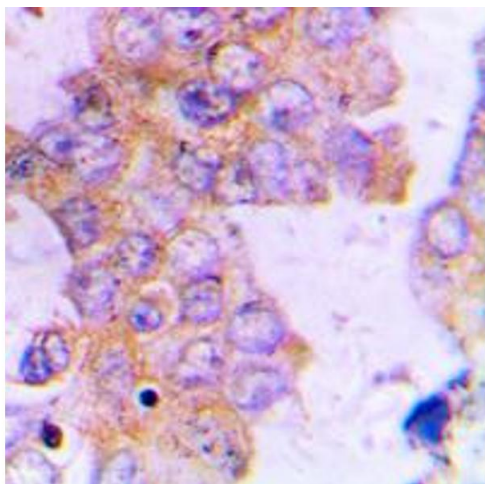
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IP (1:10 - 1:100)
Restrictions:	For Research Use only

Handling

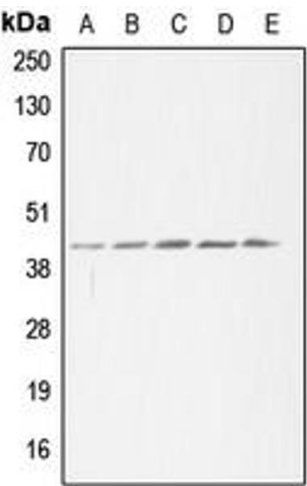
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of ACAT1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of ACAT1 expression in HeLa (A), HEK293T (B), SP2/0 (C), H9C2 (D), THP1 (E) whole cell lysates.