

Datasheet for ABIN630433
anti-LCAT antibody (N-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	LCAT
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCAT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	LCAT antibody was raised using the N terminal of LCAT corresponding to a region with amino acids MGPPGSPWQWVTLGLLLPPAAPFWLLNVLFPPHTTPKAELSNHTRPVI
Specificity:	LCAT antibody was raised against the N terminal of LCAT
Purification:	Purified

Target Details

Target:	LCAT
Alternative Name:	LCAT
Background:	LCAT is an extracellular cholesterol esterifying enzyme, lecithin-cholesterol acyltransferase. The esterification of cholesterol is required for cholesterol transport. Mutations in its gene have been found to cause fish-eye disease as well as LCAT deficiency.

Target Details

Molecular Weight:	48 kDa (MW of target protein)
Pathways:	Lipid Metabolism

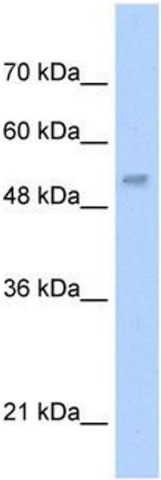
Application Details

Application Notes:	WB: 5 µg/mL Optimal conditions should be determined by the investigator.
Comment:	LCAT Blocking Peptide, (ABIN5614425), is also available for use as a blocking control in assays to test for specificity of this LCAT antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of LCAT antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. LCAT antibody used at 5 ug/ml to detect target protein.