

Datasheet for ABIN6143107
anti-LCAT antibody (AA 25-440)



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1 Image

Overview

Quantity:	100 µL
Target:	LCAT
Binding Specificity:	AA 25-440
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 25-440 of human LCAT (NP_000220.1).
Sequence:	FWLLNVLFPP HTTPKAELSN HTRPVILVPG CLGNQLEAKL DKPDVVNWMC YRKTEFFFTI WLDLNMFLPL GVDCWIDNTR VVYNRSSGLV SNAPGVQIRV PGFGKTSYVE YLDSSKLAGY LHTLVQNLVN NGYVRDETVR AAPYDWRLEP GQEEYYRKL AGLVEEMHAA YGKPVFLIGH SLGCLHLLYF LLRQPQAWKD RFIDGFISLG APWGGSIKPM LVLASGDNQG IPIMSSIKLK EEQRITTTSP WMFPSRMAWP EDHVFISTPS FNYTGRDFQR FFADLHFEEG WYMWLQSRDL LAGLPAPGVE VYCLYGVGLP TPRTYIYDHG FPYTDPVGVL YEDGDDTVAT RSTELCGLWQ GRQPQPVHLL PLHGIQHLNM VFSNLTLEHI NAILLGAYRQ GPPASPTASP EPPPE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse

Product Details

Characteristics: Polyclonal Antibodies

Target Details

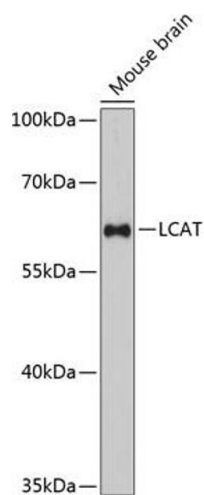
Target:	LCAT
Alternative Name:	LCAT (LCAT Products)
Background:	This gene encodes the extracellular cholesterol esterifying enzyme, lecithin-cholesterol acyltransferase. The esterification of cholesterol is required for cholesterol transport. Mutations in this gene have been found to cause fish-eye disease as well as LCAT deficiency.,LCAT,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cholesterol Metabolism,Cardiovascular,Heart,Lipids,Cardiovascular diseases,Heart disease,LCAT
Molecular Weight:	49 kDa
Gene ID:	3931
UniProt:	P04180
Pathways:	Lipid Metabolism

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of mouse brain, using LCAT antibody (ABIN6130519, ABIN6143107, ABIN6143109 and ABIN6215436) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.