

# Lysosomal acid lipase/cholesteryl ester hydrolase Polyclonal Antibody

Catalog No: #42238

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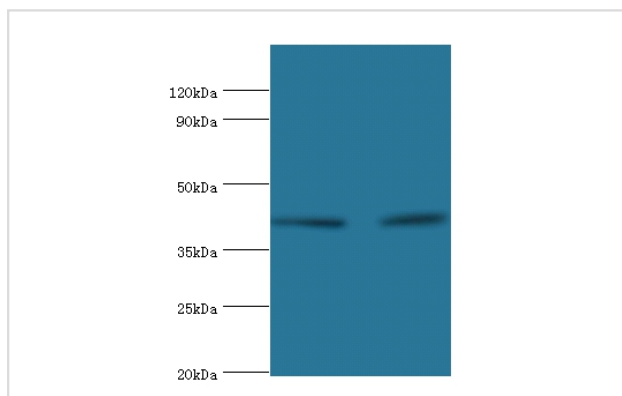
## Description

Product Name	Lysosomal acid lipase/cholesteryl ester hydrolase Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Lysosomal acid lipase/cholesteryl ester hydrolase polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Lysosomal acid lipase/cholesteryl ester hydrolase protein
Target Name	Lysosomal acid lipase/cholesteryl ester hydrolase
Other Names	Cholesteryl esterase Lipase A Sterol esterase LIPA
Accession No.	Swiss-Prot#: P38571
Calculated MW	42kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □ 1:500 - 1:1000

## Images



### Western blot

All lanes: Lysosomal acid lipase/cholesteryl ester hydrolase antibody at 2ug/ml

Lane 1: MCF-7 whole cell lysate

Lane 2: K562 whole cell lysate secondary

Goat polyclonal to rabbit at 1/10000 dilution

predicted band size :42kDa

observed band size :42kDa

## Background

Crucial for the intracellular hydrolysis of cholesteryl esters and triglycerides that have been internalized via receptor-mediated endocytosis of lipoprotein particles. Important in mediating the effect of LDL (low density lipoprotein) uptake on suppression of hydroxymethylglutaryl-CoA reductase and activation of endogenous cellular cholesteryl ester formation.

## References

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[1]Cloning and expression of cDNA encoding human lysosomal acid lipase/cholesteryl ester hydrolase. Similarities to gastric and lingual lipases.Anderson R.A., Sando G.N.J. Biol. Chem. 266:22479-22484(1991) [2]Purification, characterization and molecular

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.