

Datasheet for ABIN2854960

anti-Lipase A antibody (Center)

3 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Lipase A (LIPA)
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lipase A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human LAL. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Pig (Porcine)
Cross-Reactivity (Details):	Pig (84 %)
Characteristics:	Rabbit Polyclonal antibody to LAL (lipase A, lysosomal acid, cholesterol esterase) LAL antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Lipase A (LIPA)
Alternative Name:	LAL (LIPA Products)
Background:	<p>This gene encodes lipase A, the lysosomal acid lipase (also known as cholesterol ester hydrolase). This enzyme functions in the lysosome to catalyze the hydrolysis of cholesteryl esters and triglycerides. Mutations in this gene can result in Wolman disease and cholesteryl ester storage disease. Alternatively spliced transcript variants encoding the same protein have been found for this gene.</p> <p>Cellular Localization: Lysosome</p>
Molecular Weight:	45 kDa
Gene ID:	3988

Application Details

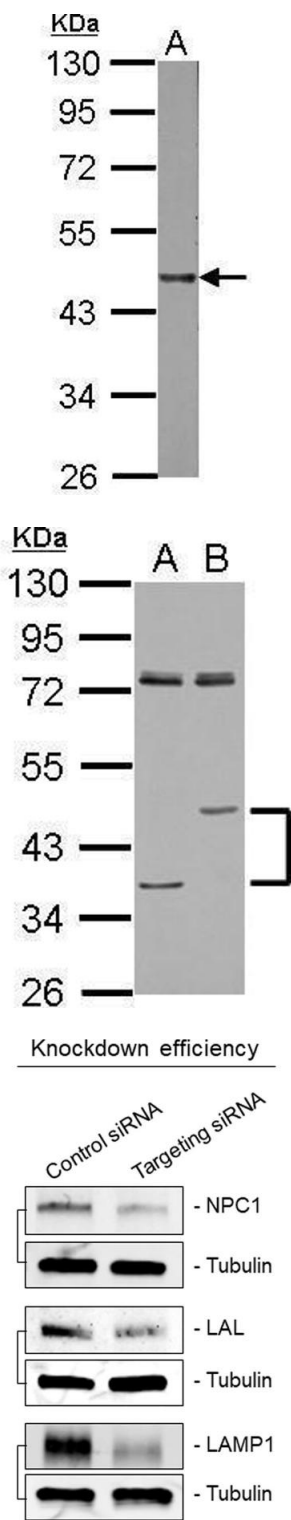
Application Notes:	<p>Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications.</p> <p>*Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000*</p>
Comment:	Positive Control: A549 , H1299 , mouse liver
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Product cited in: Qi, Liu, Zhang, Guo: "Platelets induce increased estrogen production through NF- κ B and TGF- β 1 signaling pathways in endometriotic stromal cells." in: **Scientific reports**, Vol. 10, Issue 1, pp. 1281, (2020) ([PubMed](#)).

Validation report #104342 for Multiplex Immunohistochemistry (mIHC)



Western Blotting

Image 1. WB Image Sample (50 ug of whole cell lysate) A: mouse Liver 10% SDS PAGE antibody diluted at 1:1000

Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: A549 B: H1299 10% SDS PAGE antibody diluted at 1:1000

Western Blotting

Image 3. Immunoblots showing knockdown efficiency of siRNA transfections related to Figure 3A. - figure provided by CiteAb. Source: PMID30801249