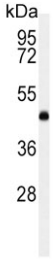
LCAT Antibody (F55046)

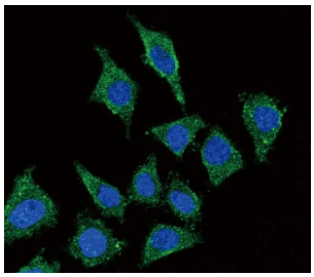
Catalog No.	Formulation	Size
F55046-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55046-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

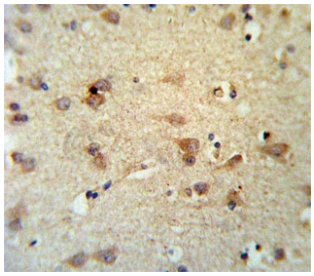
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P04180
Applications	Flow cytometry: 1:10-1:50 (1x10e6 cells) Immunofluorescence: 1:10-1:50 Immunohistochemistry (FFPE): 1:10-1:50 Western blot: 1:500-1:1000
Limitations	This LCAT antibody is available for research use only.



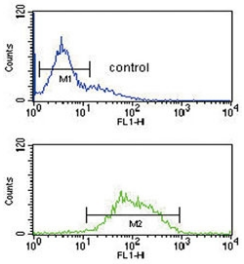
Western blot testing of human K562 cell lysate with LCAT antibody. Predicted molecular weight ~49 kDa.



Immunofluorescent staining of human HEK293 cells with LCAT antibody (green) and DAPI nuclear stain (blue).



IHC testing of FFPE human brain tissue with LCAT antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human K562 cells with LCAT antibody; Blue=isotype control, Green= LCAT antibody.

Description

LCAT encodes the extracellular cholesterol esterifying enzyme, lecithin-cholesterol acyltransferase. The esterification of cholesterol is required for cholesterol transport.

Application Notes

The stated application concentrations are suggested starting points. Titration of the LCAT antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 285-313 from the human protein was used as the immunogen for the LCAT antibody.

Storage

Aliquot the LCAT antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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