

## LCLAT1 Polyclonal Antibody

Catalog: BS65808      Host: Rabbit      Reactivity: Hu-  
man, Mouse, Rat, Dog, Cow, Horse,  
Rabbit, Sheep,

### Background:

Acyl-CoA:lysocardiolipin acyltransferase. Possesses both lysophosphatidylinositol acyltransferase (LPIAT) and lysophosphatidylglycerol acyltransferase (LPGAT) activities. Recognizes both monolysocardiolipin and dilysocardiolipin as substrates with a preference for linoleoyl-CoA and oleoyl-CoA as acyl donors. Acts as a remodeling enzyme for cardiolipin, a major membrane polyglycerophospholipid. Converts lysophosphatidic acid (LPA) into phosphatidic acid (PA) with a relatively low activity. Required for establishment of the hematopoietic and endothelial lineages.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

~49 kDa

### Swiss-Prot:

Q6UWP7

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

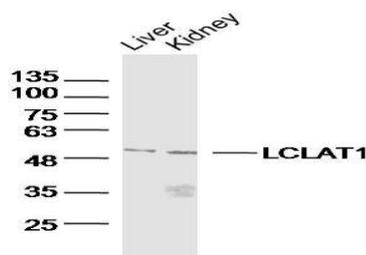
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -19 °C long term. Avoid freeze-thaw cycles.

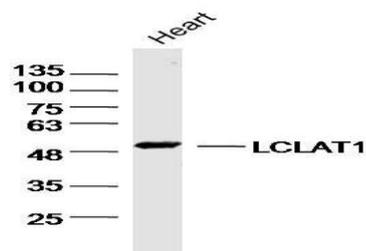
### Specificity:

LCLAT1 Polyclonal Antibody detects endogenous levels of LCLAT1 protein.

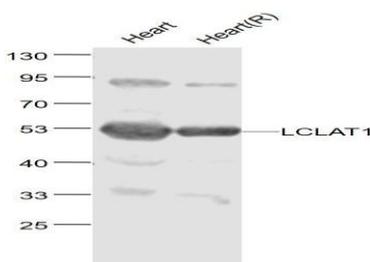
### DATA:



Primary: Anti-LCLAT1 at 1/300 dilution



Primary: Anti-LCLAT1 at 1/300 dilution



Primary: Anti-LCLAT1 at 1/1000 dilution

### Note:

For research use only, not for use in diagnostic procedure.

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