Product Name: CC2D1A Rabbit Monoclonal Antibody
Catalog #: AMRe84629
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.62mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,ICC 1:50-1:200,FC 1:20-1:100
Molecular Weight	Calculated MW: 104 kDa ; Observed MW: 130 kDa

Antigen Information

Gene Name	CC2D1A
Alternative Names	Coiled coil and C2 domain containing 1A; FREUD 1; Freud 1/Aki1; MRT3;;CC2D1A
Gene ID	
SwissProt ID	Q6P1N0
Immunogen	A synthesized peptide derived from human CC2D1A

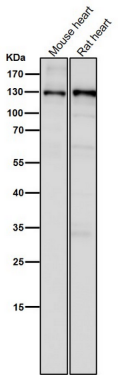
Background

Mediates the levels of long-chain fatty acids (LCFA) in the cell by facilitating their transport across cell membranes.Appears to be the principal fatty acid transporter in small intestinal enterocytes.Also functions as an acyl-CoA ligase catalyzing the ATP-

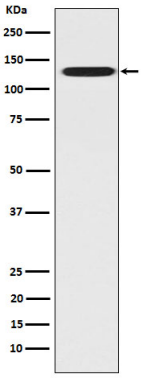
dependent formation of fatty acyl-CoA using LCFA and very-long-chain fatty acids (VLCFA) as substrates, which prevents fatty acid efflux from cells and might drive more fatty acid uptake.

Research Area

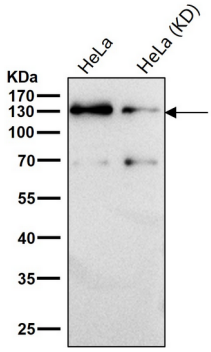
Image Data



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of CC2D1A expression in Hela cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.