

Anti-CC2D1A Antibody (7Y398)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 104 kDa. Actual: 130 kDa.
Clone:	7Y398
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. The HeLa (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-CC2D1A antibody (TMAB-03725, 1:100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p> <p>2. 25 µg total protein per lane of various lysates (see on figure) probed with CC2D1A monoclonal antibody, unconjugated (TMAB-03725) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	WB,ICC/IF,FCM
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human CC2D1A
Antigen Species:	Human
Gene ID:	54862
Uniprot ID:	Q6P1N0

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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