

Anti-ACBD7 Antibody (4E943)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4E943
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

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. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human ACBD7 Protein (TMPY-03417)
Antigen Species:	Human
Synonyms:	bA455B2.2;acyl-CoA binding domain containing 7;RP11-455B2.6;ACBD7

Research Background

ACBD7, acyl-CoA-binding domain-containing protein 7, is a small (1 Kd) protein that contains 1 ACB (acyl-CoA-binding) domain. The ACB domain consists of four alpha-helices arranged in a bowl shape with a highly exposed acyl-CoA-binding site. The ligand is bound through specific interactions with residues on the protein, most notably several conserved positive charges that interact with the phosphate group on the adenosine-3'phosphate moiety, and the acyl chain is sandwiched between the hydrophobic surfaces of CoA and the protein. Other proteins containing an ACB domain include: ACBP (acyl-CoA-binding protein), ACBD3, ACBD4, ACBD5, ACBD6.

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