Datasheet for ABIN7153228

anti-Fukutin antibody (AA 87-276) (Biotin)

Go to Product page

Overview

Quantity:	100 µL
Target:	Fukutin (FKTN)
Binding Specificity:	AA 87-276
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fukutin antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Fukutin protein (87-276AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Fukutin (FKTN)
Alternative Name:	FKTN (FKTN Products)
Background:	Background: Glycosyltransferase involved in the biosynthesis of the phosphorylated O-mannosyl trisaccharide (N-acetylgalactosamine-beta-3-N-acetylglucosamine-beta-4-

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Target Details

	(phosphate-6-)mannose), a carbohydrate structure present in alpha-dystroglycan (DAG1), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity. May interact with and reinforce a large complex encompassing the outside and inside of muscle membranes. Could be involved in brain development. Aliases: CMD1X antibody, FCMD antibody, FCMD gene antibody, FKTN antibody, FKTN_HUMAN antibody, Fukutin antibody, Fukuyama type congenital muscular dystrophy protein antibody, Fukuyama-type congenital muscular dystrophy protein antibody, LGMD2M antibody, MDDGA4 antibody, MDDGB4 antibody, MDDGC4 antibody, MGC126857 antibody, MGC134944 antibody, MGC134945 antibody, MGC138243 antibody, OTTHUMP00000021841 antibody, patient fukutin antibody
UniProt:	O75072
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.