

[Go to Product page](#)

Datasheet for ABIN7153230  
**anti-Fukutin antibody (AA 87-276) (HRP)**

## 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 HRP
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 ( <a href="#">FKTN Products</a> )
Background:	Background: Glycosyltransferase involved in the biosynthesis of the phosphorylated O-mannosyl trisaccharide (N-acetylgalactosamine-beta-3-N-acetylglucosamine-beta-4-

## 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: [075072](#)

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.