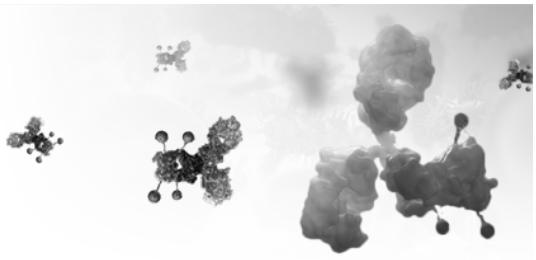

Anti-FKTN (aa 29-138) polyclonal antibody (DPAB-DC970)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a putative transmembrane protein that is localized to the cis-Golgi compartment, where it may be involved in the glycosylation of alpha-dystroglycan in skeletal muscle. The encoded protein is thought to be a glycosyltransferase and could play a role in brain development. Defects in this gene are a cause of Fukuyama-type congenital muscular dystrophy (FCMD), Walker-Warburg syndrome (WWS), limb-girdle muscular dystrophy type 2M (LGMD2M), and dilated cardiomyopathy type 1X (CMD1X). Alternatively spliced transcript variants have been found for this gene.
Immunogen	FCMD (NP_006722, 29 a.a. ~ 138 a.a) partial recombinant protein with GST tag. The sequence is KHYLSTKNGAGLSKSKGSRIGFDSTQWRAVKKFIMLTSNQNVPVFLIDPLILELINKNFEQVKNTSHGSTSQCKFFCVPRDFTAFALQYHLWKNEEGWFRIAENMGFQCL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Gene Name	FKTN fukutin [Homo sapiens (human)]
Official Symbol	FKTN
Synonyms	FKTN; fukutin; FCMD; CMD1X; LGMD2M; MDDGA4; MDDGB4; MDDGC4; patient fukutin; Fukuyama type congenital muscular dystrophy protein;
Entrez Gene ID	2218
Protein Refseq	NP_001073270
UniProt ID	O75072
Chromosome Location	9q31-q33
Function	transferase activity;

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