

## Product datasheet for **TA354897**

### FKRP Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the C-terminus of human FKRP protein. This sequence is identical to human, mouse and rat.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	fukutin related protein
Database Link:	<a href="#">NP_001034974</a> <a href="#">Entrez Gene 243853 Mouse</a> <a href="#">Entrez Gene 308390 Rat</a> <a href="#">Entrez Gene 79147 Human</a> <a href="#">Q9H9S5</a>
Background:	Fukutin-related protein (FKRP) is targeted to the medial Golgi apparatus and is necessary for posttranslational modification of dystroglycan. Mutations in this gene have been associated with congenital muscular dystrophy, mental retardation, and cerebellar cysts. Mutations in fukutin-related protein (FKRP) give rise to mild and more severe forms of muscular dystrophy. FKRP may influence the glycosylation status of dystroglycan from within the sarcolemmal dystrophin-glycoprotein complex. FKRP associates with the sarcolemmal DGC and that it plays a unique role in dystroglycanopathy muscle disease.
Synonyms:	LGMD2I; MDC1C; MDDGA5; MDDGB5; MDDGC5



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Protein Families: Transmembrane

### Product images:



WB: The whole mouse muscle tissue lysates were immunoblotted by Rabbit anti-FKRP at 1:500 (Lane 1). The immunoreactive band is blocked by pre-incubation of immunizing peptide (lane 2)