

Product datasheet for TA354897

OriGene Technologies, Inc.

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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: NP 001034974

Entrez Gene 243853 MouseEntrez Gene 308390 RatEntrez Gene 79147 Human

Q9H9S5

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.

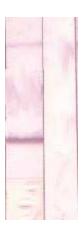
Synonyms: LGMD2I; MDC1C; MDDGA5; MDDGB5; MDDGC5





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)