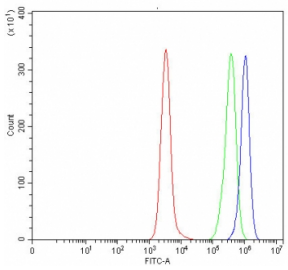
Syntrophin gamma 2 Antibody / SNTG2 (RQ7793)

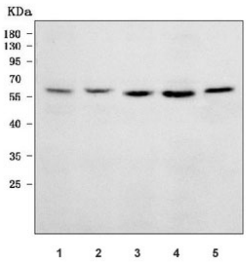
Catalog No.	Formulation	Size
RQ7793	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NY99
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Syntrophin gamma 2 antibody is available for research use only.



Flow cytometry testing of human Daudi cells with Syntrophin gamma 2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Syntrophin gamma 2 antibody.



Western blot testing of 1) human Daudi, 2) human Jurkat, 3) human SH-SY5Y, 4) rat brain and 5) mouse brain tissue lysate with Syntrophin gamma 2 antibody. Predicted molecular weight ~60 kDa.

Description

This gene encodes a protein belonging to the syntrophin family. Syntrophins are cytoplasmic peripheral membrane proteins that bind to components of mechanosenstive sodium channels and the extreme carboxy-terminal domain of dystrophin and dystrophin-related proteins. The PDZ domain of this protein product interacts with a protein component of a mechanosensitive sodium channel that affects channel gating. Absence or reduction of this protein product has been associated with Duchenne muscular dystrophy. There is evidence of alternative splicing yet the full-length nature of these variants has not been described.

Application Notes

Optimal dilution of the Syntrophin gamma 2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids I100-R430) was used as the immunogen for the Syntrophin gamma 2 antibody.

Storage

After reconstitution, the Syntrophin gamma 2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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