Datasheet for ABIN630326

anti-Fukutin antibody (N-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	Fukutin (FKTN)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fukutin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	FKTN antibody was raised using the N terminal Of Fktn corresponding to a region with amino acids TAFALQYHLWKNEEGWFRIAENMGFQCLKIESKDPRLDGIDSLSGTEIPL
Specificity:	FKTN antibody was raised against the N terminal Of Fktn
Purification:	Purified

Target Details

Target:	Fukutin (FKTN)
Alternative Name:	FKTN (FKTN Products)
Background:	FKTN regulates the migration and assembly of neurons during cortical histogenesis. Fukuyama congenital muscular dystrophy results from mutations in its gene.

Target Details

Molecular Weight:	51 kDa (MW of target protein)
Pathways:	Regulation of Carbohydrate Metabolic Process

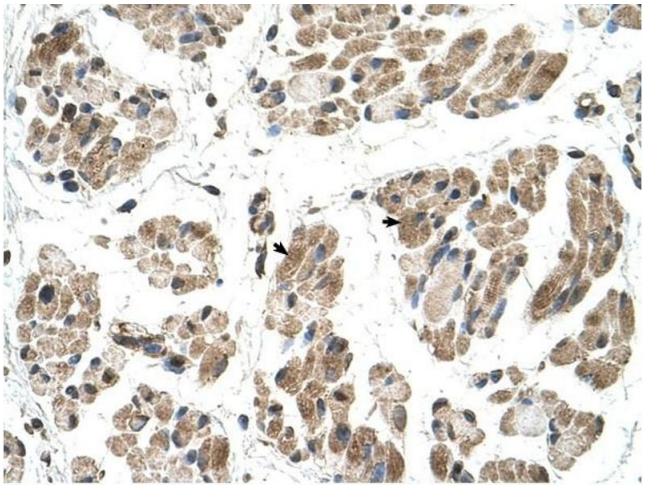
Application Details

Application Notes:	WB: 5 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	FKTN Blocking Peptide, catalog no. 33R-8971, is also available for use as a blocking control in assays to test for specificity of this FKTN antibody
Restrictions:	For Research Use only

Handling

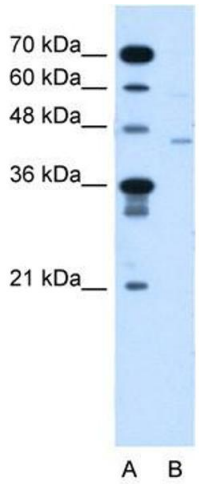
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of FKTN antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Immunohistochemistry

Image 1. FKTN antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Skeletal muscle cells (arrows) in Human Muscle. Magnification is at 400X



Western Blotting

Image 2. FKTN antibody used at 5 ug/ml to detect target protein.