

Datasheet for ABIN2782104
anti-Fukutin antibody (N-Term)[Go to Product page](#)

2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FKTN
Sequence:	TAFALQYHLW KNEEGWFRIA ENMGFQCLKI ESKDPRLDGI DSLSGTEIPL
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FKTN. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	Fukutin (FKTN)
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Target Details

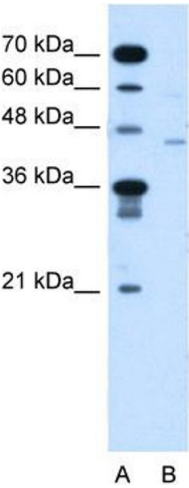
Alternative Name:	FKTN (FKTN Products)
Background:	<p>FKTN regulates the migration and assembly of neurons during cortical histogenesis. Fukuyama congenital muscular dystrophy results from mutations in its gene.</p> <p>Alias Symbols: FKTN, fukutin, FCMD, CMD1X, LGMD2M, MDDGA4, MDDGB4, MDDGC4</p> <p>Protein Interaction Partner: CNBP,</p> <p>Protein Size: 461</p>
Molecular Weight:	51 kDa
Gene ID:	2218
NCBI Accession:	NM_001079802 , NP_001073270
UniProt:	O75072
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 461 AA
Restrictions:	For Research Use only

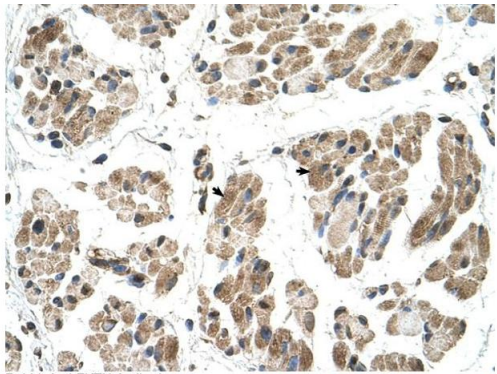
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-FKTN Antibody Titration:
5.0ug/ml Positive Control: Jurkat cell lysate



Rabbit Anti-FKTN Antibody
Catalog Number: ARP45033
Lot Number: QC15014
Paraffin Embedded Tissue: Human Muscle
Cells with Positive label: Skeletal muscle cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Muscle