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Datasheet for ABIN656713  
**anti-Fukutin antibody (AA 177-206)**

2 Images

Overview

Quantity:	400 µL
Target:	Fukutin (FKTN)
Binding Specificity:	AA 177-206
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fukutin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This FKTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 177-206 amino acids from the Central region of human FKTN.
Clone:	RB31283
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Fukutin (FKTN)
Alternative Name:	FKTN ( <a href="#">FKTN Products</a> )

## Target Details

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Background:	The protein encoded by this gene is a putative transmembrane protein that is localized to the cis-Golgi compartment, where it may be involved in the glycosylation of alpha-dystroglycan in skeletal muscle. The encoded protein is thought to be a glycosyltransferase and could play a role in brain development. Defects in this gene are a cause of Fukuyama-type congenital muscular dystrophy (FCMD), Walker-Warburg syndrome (WWS), limb-girdle muscular dystrophy type 2M (LGMD2M), and dilated cardiomyopathy type 1X (CMD1X). Alternatively spliced transcript variants have been found for this gene.
Molecular Weight:	53724
Gene ID:	2218
NCBI Accession:	<a href="#">NP_001073270</a> , <a href="#">NP_001185892</a> , <a href="#">NP_006722</a>
UniProt:	<a href="#">O75072</a>
Pathways:	<a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

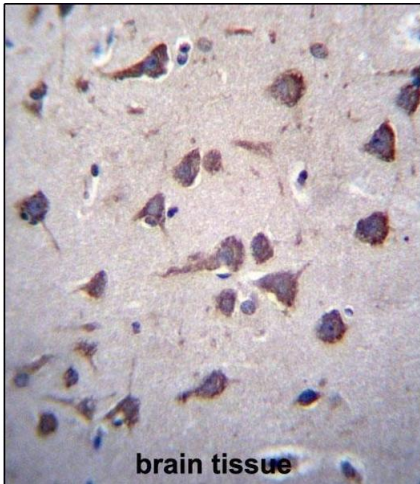
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Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

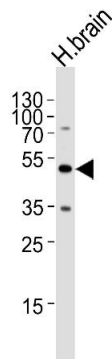
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	FKTN Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** FKTN Antibody (Center) (ABIN656713 and ABIN2845942) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FKTN Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** Western blot analysis of lysate from human brain tissue lysate, using FKTN Antibody (Center) (ABIN656713 and ABIN2845942). (ABIN656713 and ABIN2845942) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.