Rabbit FKTN Polyclonal Antibody | anti-FKTN antibody

FKTN Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284878	**Rabbit**	**Human (Predicted Reactivity: Monkey)**	**Western Blot, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

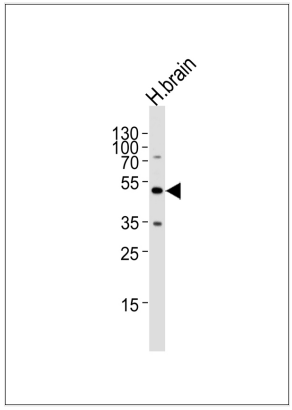
FKTN; Polyclonal Antibody; FKTN Antibody (Center); Fukutin; 2---; Fukuyama-type congenital muscular dystrophy protein; FCMD; anti-FKTN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	177-206
Sequence Length	430
Applicable Applications for anti-FKTN antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
FKTN Antibody (Center) 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.



WB (Western Blot)
Western blot analysis of lysate from human brain tissue lysate, using FKTN Antibody (Center). AAA284878 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 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-FKTN antibody	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.
Product Categories/Family for anti-FKTN antibody	Developmental Biology
References	Lim, B.C., et al. Neuromuscul. Disord. 20(8):524-530(2010) Saredi, S., et al. Muscle Nerve 39(6):845-848(2009) Chang, W., et al. Prenat. Diagn. 29(6):560-569(2009) Mercuri, E., et al. Neurology 72(21):1802-1809(2009) Puckett, R.L., et al. Neuromuscul. Disord. 19(5):352-356(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395712
NCBI GeneID	2218
NCBI Accession #	NP_001073270.1; NP_001185892.1; NP_006722.2
NCBI GenBank Nucleotide #	NM_001079802.1
UniProt Accession #	O75072; Q3MIJ1; Q96TE1; Q9P295; B4DUX9; J3KP13
Molecular Weight	53724
NCBI Official Full Name	fukutin isoform a
NCBI Official Synonym Full Names	fukutin
NCBI Official Symbol	FKTN
NCBI Official Synonym Symbols	FCMD; CMD1X; LGMD2M; MDDGA4; MDDGB4; MDDGC4

NCBI Protein Information	fukutin
UniProt Protein Name	Fukutin
UniProt Gene Name	**FKTN**
UniProt Synonym Gene Names	FCMD
UniProt Entry Name	FKTN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/fktn-antibody-western-blot-immunohistochemistry-elisa/284878