Best Tools for immunology Research

DTNA rabbit pAb

Catalog No :	YT6357
Reactivity :	Human;Mouse
Applications :	WB
Target :	DTNA
Gene Name :	DTNA DRP3
Protein Name :	DTNA
Human Gene Id :	1837
Human Swiss Prot No :	Q9Y4J8
Mouse Gene Id :	13527
Mouse Swiss Prot No :	Q9D2N4
Immunogen :	Synthesized peptide derived from human DTNA AA range: 131-181
Specificity :	This antibody detects endogenous levels of DTNA at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 82kD

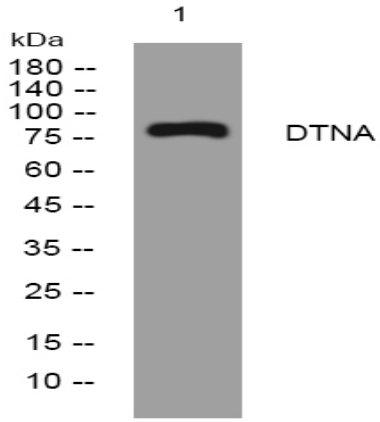
Background : The protein encoded by this gene belongs to the dystrobrevin subfamily of the dystrophin family. This protein is a component of the dystrophin-associated protein complex (DPC), which consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and alpha- and beta-dystrobrevin. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Mutations in this gene are associated with left ventricular noncompaction with congenital heart defects. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

Function : alternative products:Additional isoforms seem to exist,disease:Defects in DTNA are a cause of non-compaction of left ventricular myocardium with congenital heart defects (LVNCCHD) [MIM:606617]; also known as non-isolated left ventricular non-compaction. LVNCCHD is associated with congenital heart anomalies such as ventricular septal defects, pulmonic stenosis, and atrial septal defects.,disease:Defects in DTNA are the cause of non-compaction of left ventricular myocardium isolated autosomal dominant type 1 (LVNC1) [MIM:604169]. Left ventricular non-compaction (LVNC) is due to an arrest of myocardial morphogenesis. The disorder is characterized by a hypertrophic left ventricular with deep trabeculations and with poor systolic function, with or without associated left ventricular dilation. In some cases, the right ventricle is also affected.,domain:The coiled coil domain mediates the inter

Subcellular Location : Cytoplasm. Cell junction, synapse. Cell membrane . In peripheral nerves, colocalizes with MAGEE1 in the Schwann cell membrane. .

Expression : Highly expressed in brain, skeletal and cardiac muscles, and expressed at lower levels in lung, liver and pancreas. Isoform 2 is not expressed in cardiac muscle. Isoform 7 and isoform 8 are only expressed in muscle.

Products Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4°over night