DTNA rabbit pAb

Catalog No	YP-Ab-10992
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	DTNA DRP3
Protein Name	DTNA
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
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm. Cell junction, synapse. Cell membrane . In peripheral nerves, colocalizes with MAGEE1 in the Schwann cell membrane. .
Tissue Specificity	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.
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
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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