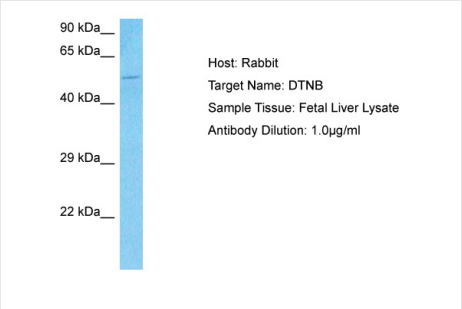
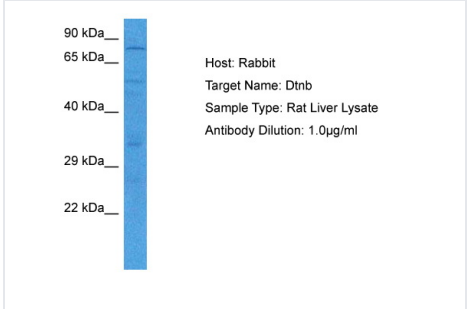
DTNB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DTNB, Polyclonal Antibody
Full Product Name	DTNB Antibody - C-terminal region
Product Gene Name	anti-DTNB antibody
Product Synonym Gene Name	DTNB;
Immunogen Sequence	Synthetic peptide located within the following region: EQKQAAQATG SPHTSPTHGG GRPMPMPVRS TSAGSTPTHC PQDSLSGVGG
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	DTNB peptide (MBS3245057) is used for blocking the activity of DTNB antibody (MBS3220234)
Molecular Weight	62kDa
OMIM	602415
3D Structure	ModBase 3D Structure for O60941
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human DTNB
Product Categories/Family for anti-DTNB antibody	Polyclonal; Chromatin & Nuclear Signaling; Developmental Biology; Mitochondria; Various; Membrane & Traffic
Applications Tested/Suitable for anti-DTNB antibody	Western Blot (WB)
Related Product Information for anti-DTNB antibody	This is a rabbit polyclonal antibody against DTNB. It was validated on Western Blot Target Description: This gene encodes dystrobrevin beta, a component of the dystrophin-associated protein complex (DPC). The DPC consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and dystrobrevin alpha and beta. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Dystrobrevin beta is thought to interact with syntrophin and the DP71 short form of dystrophin. Alternatively spliced transcript variants encoding different isoforms have been identified.
Other Notes	Small volumes of anti-DTNB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DTNB purchase	MBS3220234 is an antibody targeting DTNB. Also known as DTNB Antibody - C-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-DTNB antibody
Host: RabbitTarget Name: DTNBSample Type: Fetal Liver lysatesAntibody Dilution: 1.0ug/ml



Western Blot (WB) of anti-DTNB antibody
Host: RatTarget Name: DTNBSample Tissue: Rat LiverAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DTNB. It may not necessarily be applicable to this product.

NCBI GI #	372626414
NCBI GeneID	1838
NCBI Accession #	NP_001243232
UniProt Primary Accession #	O60941
UniProt Related Accession #	O60941
GenBank Nucleotide #	NM_001256303.1
NCBI Official Full Name	dystrobrevin beta isoform 6
NCBI Official Synonym Full Names	dystrobrevin beta
NCBI Official Symbol	DTNB
UniProt Protein Name	Dystrobrevin beta
UniProt Synonym Protein Names	Beta-dystrobrevin
Protein Family	Dystrobrevin
UniProt Gene Name	DTNB
UniProt Synonym Gene Names	DTN-B
UniProt Entry Name	DTNB_HUMAN
NCBI Protein Information	dystrobrevin beta
NCBI Summary for DTNB	This gene encodes dystrobrevin beta, a component of the dystrophin-associated protein complex (DPC). The DPC consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and dystrobrevin alpha and beta. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Dystrobrevin beta is thought to interact with syntrophin and the DP71 short form of dystrophin. [provided by RefSeq, Mar 2016]
Research Articles on DTNB	**1.** Data provide new insights into the role of beta-dystrobrevin in the molecular mechanisms underlying neuronal differentiation that could be relevant in the establishment of the cognitive impairment in Duchene muscular dystrophy.
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