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Product datasheet for TA318925

Dystrophin (DMD) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 3656 of human Dystrophin
Formulation:	100 µg (0.5 mg/ml) antigen affinity purified rabbit anti-Dystrophin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol and 0.01% Thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	dystrophin
Database Link:	NP_004010 Entrez Gene 13405 MouseEntrez Gene 24907 RatEntrez Gene 1756 Human P11532
Background:	Dystrophin is one of the actin-binding proteins that are involved in anchoring the cytoskeleton to the plasma membrane. Dystrophin expression is found in muscle brain tissues, where it is located to the inner surface of the plasma membrane. It is suggested that alternative splicing of the caboxy terminus allows dystrophin to interact with a variety of proteins. Loss of dystrophin-associated proteins in Duchenne afflicted muscle is due to the absence of dystrophin rather than to muscle degradation and lack of dystrophin results in the loss of linkage between the cytoskeleton and extracellular matrix.
Synonyms:	BMD; CMD3B; DXS142; DXS164; DXS206; DXS230; DXS239; DXS268; DXS269; DXS270; DXS272; MRX85

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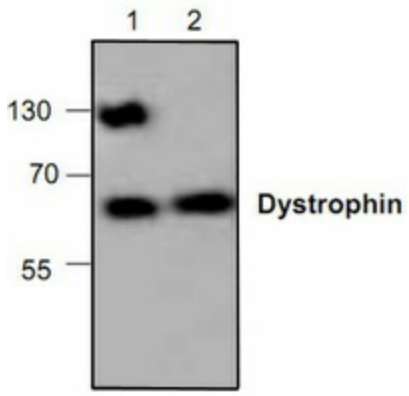
Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM), Viral myocarditis

Product images:



Western blot analysis of Dystrophin expression in 3T3 cell lysate (Lane 1) and rat kidney tissue lysate (Lane 2).