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Anti-DMD / Dystrophin Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17802

Specification

Anti-DMD / Dystrophin Antibody - Product Information

Application	**IHC-P**
Primary Accession	P11532
Predicted	**Human, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**426750**

Anti-DMD / Dystrophin Antibody - Additional Information

Gene ID 1756

Alias Symbol	**DMD**

Other Names
DMD, BMD, CMD3B, DXS206, Dystrophin, DXS230, DXS239, DXS269, DXS142, DXS268, DXS164, DXS270, DXS272

Target/Specificity
c-terminal

Reconstitution & Storage
Affinity purified

Precautions
Anti-DMD / Dystrophin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-DMD / Dystrophin Antibody - Protein Information

Name DMD

Function
Anchors the extracellular matrix to the cytoskeleton via F- actin. Ligand for dystroglycan. Component of the dystrophin-associated glycoprotein complex which accumulates at the neuromuscular junction (NMJ) and at a variety of synapses in the peripheral and central nervous systems and has a structural function in stabilizing the sarcolemma. Also implicated in signaling events and synaptic transmission.

Cellular Location
Cell membrane, sarcolemma {ECO:0000250|UniProtKB:P11531}; Peripheral membrane protein {ECO:0000250|UniProtKB:P11531}; Cytoplasmic side {ECO:0000250|UniProtKB:P11531}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:P11531}. Postsynaptic cell membrane

{ECO:0000250|UniProtKB:P11531}. Note=In muscle cells, sarcolemma localization requires the presence of ANK2, while localization to costameres requires the presence of ANK3. Localizes to neuromuscular junctions (NMJs). In adult muscle, NMJ localization depends upon ANK2 presence, but not in newborn animals. {ECO:0000250|UniProtKB:P11531}

Tissue Location
Expressed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma. Expressed in brain, muscle, kidney, lung and testis. Most tissues contain transcripts of multiple isoforms. Isoform 15: Only isoform to be detected in heart and liver and is also expressed in brain, testis and hepatoma cells

Anti-DMD / Dystrophin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-DMD / Dystrophin Antibody - Images