

## Anti-Syntrophin-2 Polyclonal Antibody

## Product Details

|                   |  |
|-------------------|--|
| Ig Type:          | IgG  |
| Reactivity:       | Mouse (predicted:Human,Rat,Dog,Horse,Rabbit) |
| Molecular Weight: | Theoretical: 59 kDa.                         |
| Purification:     | Protein A purified                           |

## Applications

|                    |   |
|--------------------|---|
| Verified Activity: | Tissue/cell: mouse heart tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Syntrophin-2 Polyclonal Antibody, Unconjugated (TMAB-13343) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining |
| Application:       | IHC-P,IHC-Fr,IF   |
| Recommended        | IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500  |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |  |
|------------------|--|
| Immunogen:       | KLH conjugated synthetic peptide: human Syntrophin-2 |
| Antigen Species: | Human  |
| Gene ID:         | 6641   |
| Uniprot ID:      | Q13884   |

## Research Background

Dystrophin is a large, rod-like cytoskeletal protein found at the inner surface of muscle fibers. Dystrophin is missing in Duchenne Muscular Dystrophy patients and is present in reduced amounts in Becker Muscular Dystrophy patients. The protein encoded by this gene is a peripheral membrane protein found associated with dystrophin and dystrophin-related proteins. This gene is a member of the syntrophin gene family, which contains at least two other structurally-related genes. [provided by RefSeq, Jul 2008].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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