



# Anti-MYOM2 (aa 1-100) polyclonal antibody (CABT-BL2562)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |   |
|---------------------------|---|
| <b>Immunogen</b>          | Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human MYOM2.                        |
| <b>Isotype</b>            | IgG   |
| <b>Source/Host</b>        | Rabbit  |
| <b>Species Reactivity</b> | Human   |
| <b>Purification</b>       | Immunogen affinity purified   |
| <b>Conjugate</b>          | Unconjugated  |
| <b>Applications</b>       | WB  |
| <b>Format</b>             | Liquid  |
| <b>Buffer</b>             | 1% BSA, PBS, pH 7.4   |
| <b>Preservative</b>       | 0.02% Sodium Azide  |
| <b>Storage</b>            | Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |

## BACKGROUND

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| <b>Introduction</b> | The giant protein titin, together with its associated proteins, interconnects the major structure of sarcomeres, the M bands and Z discs. The C-terminal end of the titin string extends into the M line, where it binds tightly to M-band constituents of apparent molecular masses of 190 kD and 165 kD. The predicted MYOM2 protein contains 1,465 amino acids. Like MYOM1, MYOM2 has |
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a unique N-terminal domain followed by 12 repeat domains with strong homology to either fibronectin type III or immunoglobulin C2 domains. Protein sequence comparisons suggested that the MYOM2 protein and bovine M protein are identical.

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## GENE INFORMATION

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| Entrez Gene ID | <a href="#">9172</a> |
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| Protein Refseq | <a href="#">NP_003961</a> |
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| UniProt ID | <a href="#">P54296</a> |
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