

Datasheet for ABIN7436498
anti-MYOC antibody (AA 224-471)

3 Images

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Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | MYOC |
| Binding Specificity: | AA 224-471 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MYOC antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|-------------------|--|
| Purpose: | Polyclonal Antibody to Myocilin (MYOC) |
| Immunogen: | Recombinant Myocilin (MYOC) corresponding to Ala224~Tyr471 (Accession # Q99972) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against MYOC. It has been selected for its ability to recognize MYOC in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Pig, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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| Target: | MYOC |
| Alternative Name: | Myocilin (MYOC Products) |
| Background: | GLC1A, GPOA, JOAG, JOAG1, TIGR, Trabecular Meshwork Inducible Glucocorticoid Response, Myocilin 55 kDa subunit |

Application Details

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| Application Notes: | Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

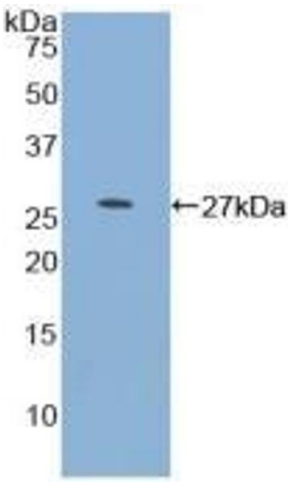
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



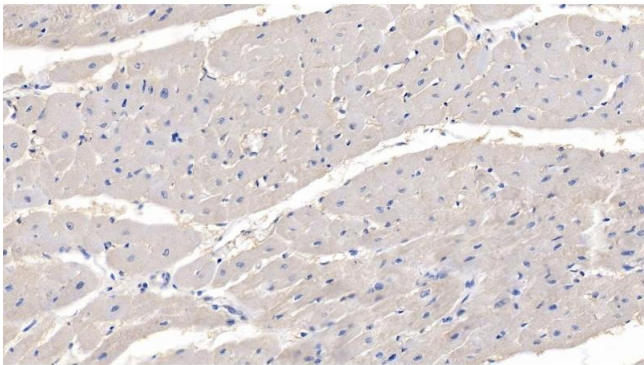
Western Blotting

Image 1. Detection of MYOC in Porcine Skeletal muscle lysate using Polyclonal Antibody to Myocilin (MYOC)



Western Blotting

Image 2. Detection of Recombinant MYOC, Human using Polyclonal Antibody to Myocilin (MYOC)



Immunohistochemistry

Image 3. Detection of MYOC in Human Cardiac Muscle Tissue using Polyclonal Antibody to Myocilin (MYOC)