Datasheet for ABIN7246214
# anti-MYOZ2 antibody

| 1 | Image |
|---|---|

## Overview

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| Quantity: | 200 μL |
| Target: | MYOZ2 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MYOZ2 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

## Product Details

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| Immunogen: | Full length fusion protein |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Antigen affinity purification |

## Target Details

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| Target: | MYOZ2 |
| Alternative Name: | MYOZ2 (MYOZ2 Products) |
| Background: | MYOZ2 (Myozenin 2) is a Protein Coding gene. Diseases associated with MYOZ2 include Cardiomyopathy, Hypertrophic, 16 and Myoz2-Related Familial Hypertrophic Cardiomyopathy. GO annotations related to this gene include actin binding and telethonin binding. An important paralog of this gene is MYOZ1.The protein encoded by this gene belongs to a family of |

## Target Details

sarcomeric proteins that bind to calcineurin, a phosphatase involved in calcium-dependent signal transduction in diverse cell types. These family members tether calcineurin to alpha-actinin at the z-line of the sarcomere of cardiac and skeletal muscle cells, and thus they are important for calcineurin signaling. Mutations in this gene cause cardiomyopathy familial hypertrophic type 16, a hereditary heart disorder.

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| UniProt: | Q9NPC6 |

## Application Details

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| Application Notes: | IHC 1:40-1:200, ELISA 1:5000-1:10000 |
| Restrictions: | For Research Use only |

## Handling

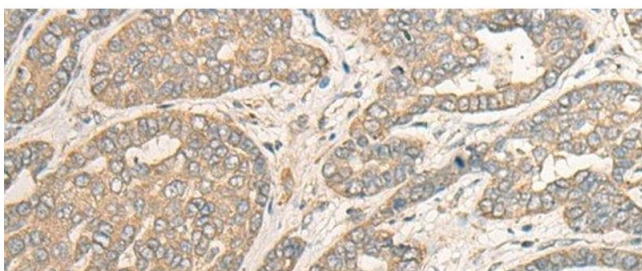| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1.32 mg/mL |
| Buffer: | PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |

## Images



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MYOZ2 Polyclonal Antibody at dilution of 1:40(x200)