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## Datasheet for ABIN7262314 anti-MYOZ2 antibody

### 1 Image

#### Overview

Quantity:	200 µL
Target:	MYOZ2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYOZ2 antibody is un-conjugated
Application:	Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein of human MYOZ2 (NP_057683.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	MYOZ2
Alternative Name:	MYOZ2 ( <a href="#">MYOZ2 Products</a> )
Background:	The protein encoded by this gene belongs to a family of 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.

## Target Details

Mutations in this gene cause cardiomyopathy familial hypertrophic type 16, a hereditary heart disorder.

Gene ID: 51778

UniProt: [Q9NPC6](#)

## Application Details

Application Notes: IF 1:50-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

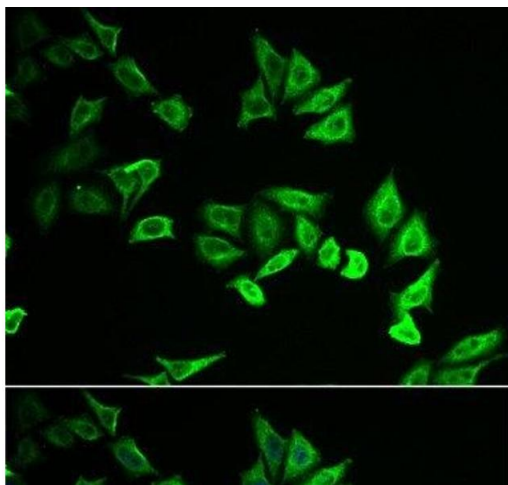
Preservative: Sodium azide

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



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using MYOZ2 Polyclonal Antibody