

Datasheet for ABIN7264477

**anti-Myosin X antibody****1** Image[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	Myosin X (MYO10)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin X antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein of human MYO10 (NP_036466.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	Myosin X (MYO10)
Alternative Name:	MYO10 ( <a href="#">MYO10 Products</a> )
Background:	This gene encodes a member of the myosin superfamily. The protein represents an unconventional myosin, it should not be confused with the conventional non-muscle myosin-10 (MYH10). Unconventional myosins contain the basic domains of conventional myosins and are further distinguished from class members by their tail domains. This gene functions as an

## Target Details

actin-based molecular motor and plays a role in integration of F-actin and microtubule cytoskeletons during meiosis.

Gene ID: 4651

UniProt: [Q9HD67](#)

## Application Details

Application Notes: IHC 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

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

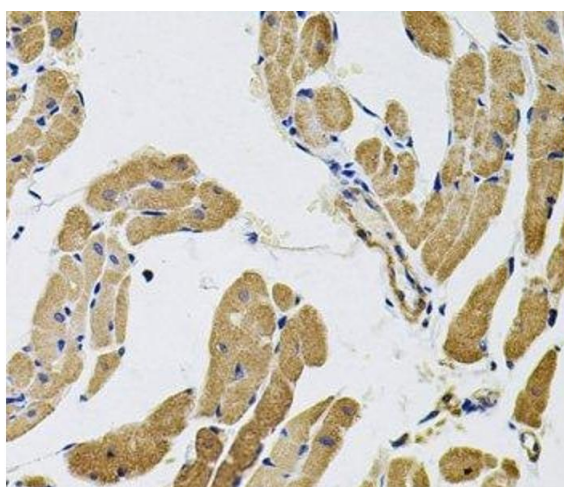
Preservative: Sodium azide

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



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Rat heart using MYO10 Polyclonal Antibody