

Datasheet for ABIN7160580
anti-MYH4 antibody (AA 896-1045)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | MYH4 |
| Binding Specificity: | AA 896-1045 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MYH4 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human Myosin-4 protein (896-1045AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | MYH4 |
| Alternative Name: | MYH4 (MYH4 Products) |
| Background: | Background: Muscle contraction. Aliases: fetal antibody, MYH2B antibody, Myh4 antibody, MYH4_HUMAN antibody, MyHC-2b |

Target Details

antibody, MyHC-IIb antibody, Myosin heavy chain 2b antibody, Myosin heavy chain 4 antibody, Myosin heavy chain 4 skeletal muscle antibody, Myosin heavy chain antibody, Myosin heavy chain IIb antibody, Myosin heavy chain skeletal muscle fetal antibody, Myosin-4 antibody, skeletal muscle antibody

UniProt: [Q9Y623](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

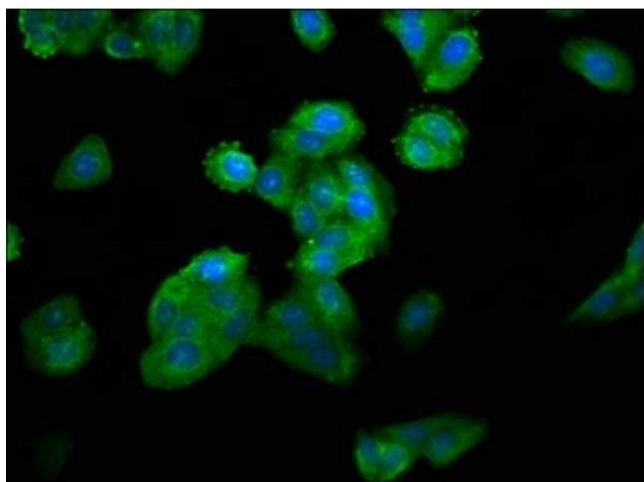
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

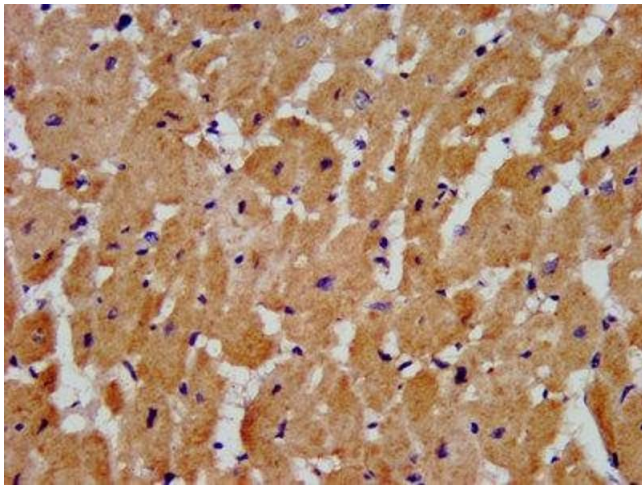
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7160580 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7160580 diluted at 1:300 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.