

Datasheet for ABIN7159457
anti-Cyclin M3 antibody (AA 358-645)

3 Images

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Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | Cyclin M3 (CNNM3) |
| Binding Specificity: | AA 358-645 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Cyclin M3 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human Metal transporter CNNM3 protein (358-645AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | Cyclin M3 (CNNM3) |
| Alternative Name: | CNNM3 (CNNM3 Products) |
| Background: | Background: Probable metal transporter. Aliases: CNNM3 antibody, ACDP3Metal transporter CNNM3 antibody, Ancient conserved |

Target Details

domain-containing protein 3 antibody, Cyclin-M3 antibody

UniProt: [Q8NE01](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, 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

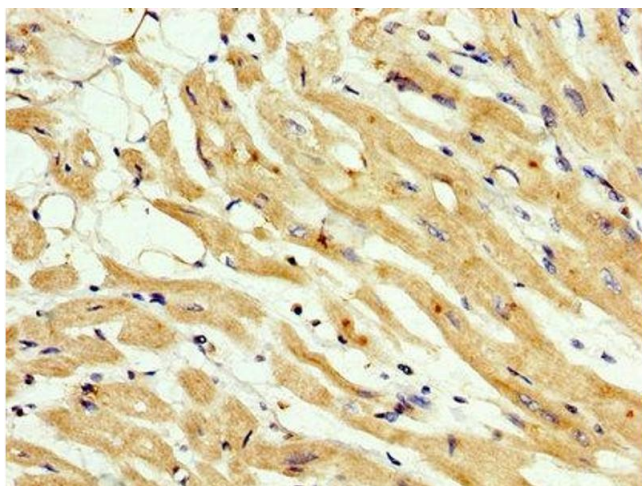
Preservative: ProClin

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

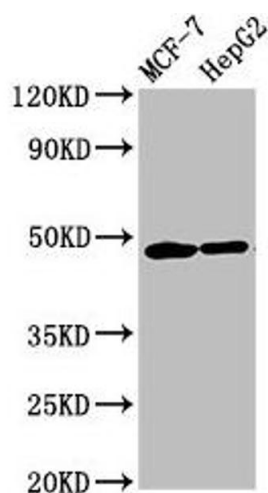
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



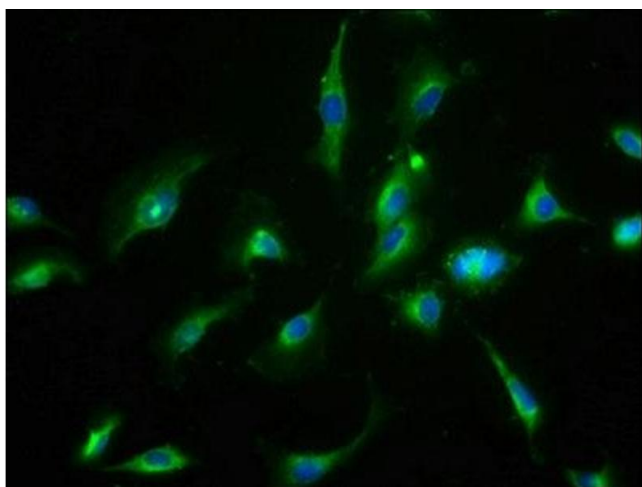
Immunohistochemistry

Image 1. IHC image of ABIN7159457 diluted at 1:200 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ 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.



Western Blotting

Image 2. Western Blot Positive WB detected in: MCF-7 whole cell lysate, HepG2 whole cell lysate All lanes: CNNM3 antibody at 5.6 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 77, 71, 74 kDa Observed band size: 48 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of U251 cells with ABIN7159457 at 1:66, 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).