

Datasheet for ABIN7159461
anti-CNNM4 antibody (AA 589-691)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | CNNM4 |
| Binding Specificity: | AA 589-691 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CNNM4 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human Metal transporter CNNM4 protein (589-691AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | CNNM4 |
| Alternative Name: | CNNM4 (CNNM4 Products) |
| Background: | Background: Probable metal transporter. The interaction with the metal ion chaperone COX11 suggests that it may play a role in sensory neuron functions (By similarity). May play a role in |

Target Details

biomineralization and retinal function.

Aliases: 430430018Rik antibody, ACDP4 antibody, Ancient conserved domain protein 4 antibody, Ancient conserved domain-containing protein 4 antibody, cnm4 antibody, CNNM4_HUMAN antibody, Cyclin and CBS domain divalent metal cation transport mediator 4 antibody, Cyclin M4 antibody, Cyclin-M4 antibody, FLJ42791 antibody, KIAA1592 antibody, Metal transporter CNNM4 antibody

UniProt: [Q6P4Q7](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

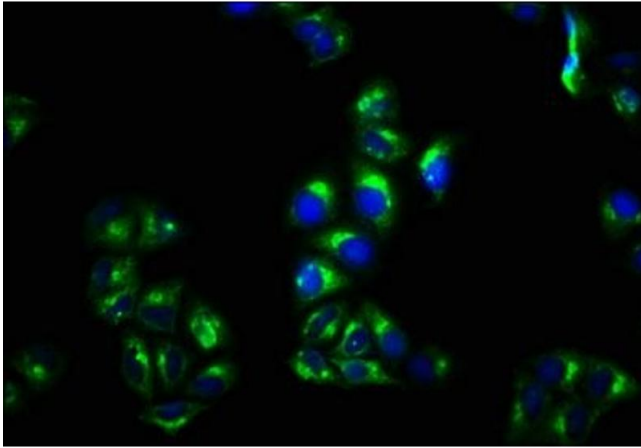
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

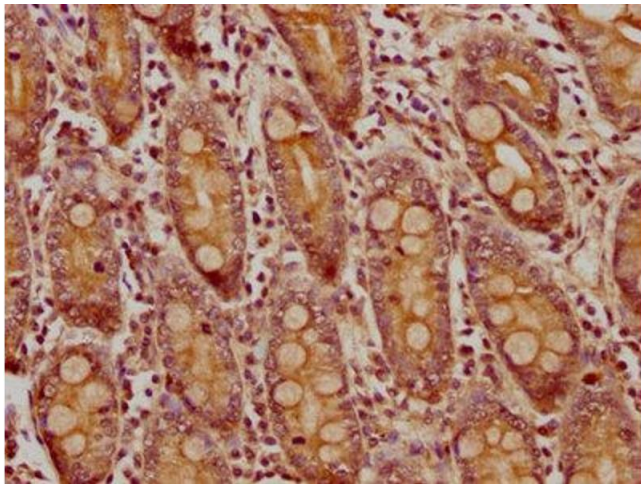
Storage: -20 °C, -80 °C

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



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7159461 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 ABIN7159461 diluted at 1:300 and staining in paraffin-embedded human small intestine 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.