

## Product Datasheet

# MCU Antibody

Catalog No: BY0101

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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### Information

**UniProt ID:** Q8NE86

**All Names:** C10orf42; Calcium uniporter protein mitochondrial; Ccdc109a; HsMCU; Mitochondrial Calcium Uniporter;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 30kDa

### Application

WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

### Background

Mitochondrial inner membrane calcium uniporter that mediates calcium uptake into mitochondria (PubMed:21685888, PubMed:21685886, PubMed:23101630, PubMed:22904319, PubMed:23178883, PubMed:22829870, PubMed:22822213, PubMed:24332854, PubMed:23755363, PubMed:26341627).

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