

# MICU2 Rabbit pAb

Catalog No.: A12198 **2 Publications**

## Basic Information

### Observed MW

45kDa

### Calculated MW

50kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

Enables protein heterodimerization activity. Involved in calcium import into the mitochondrion and negative regulation of mitochondrial calcium ion concentration. Located in mitochondrial inner membrane and mitochondrial intermembrane space. Part of uniplex complex.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

221154

### Swiss Prot

Q8IYU8

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human MICU2 (NP\_689939.1).

### Synonyms

EFHA1; 1110008L20Rik; MICU2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

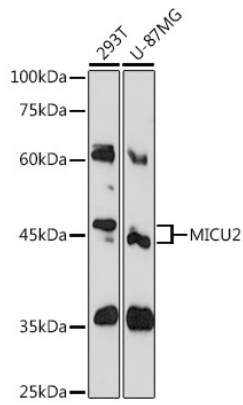
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using MICU2 Rabbit pAb (A12198) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.