

MICU2 Antibody



PACO53490

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:20-1:200

Protein Background:

Key regulator of mitochondrial calcium uniporter (MCU) required to limit calcium uptake by MCU when cytoplasmic calcium is low. MICU1 and MICU2 form a disulfide-linked heterodimer that stimulate and inhibit MCU activity, depending on the concentration of calcium. MICU2 acts as a gatekeeper of MCU that senses calcium level via its EF-hand domains: prevents channel opening at resting calcium, avoiding energy dissipation and cell-death triggering.

Gene ID:

MICU2

Uniprot

Q8IYU8

Synonyms:

Calcium uptake protein 2, mitochondrial (EF-hand domain-containing family member A1), MICU2, EFHA1

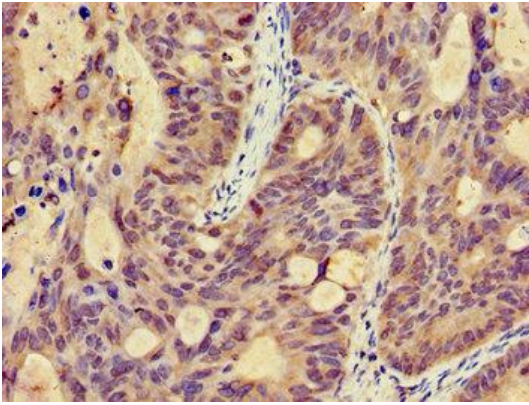
Immunogen:

Recombinant Human Calcium uptake protein 2, mitochondrial protein (26-247AA).

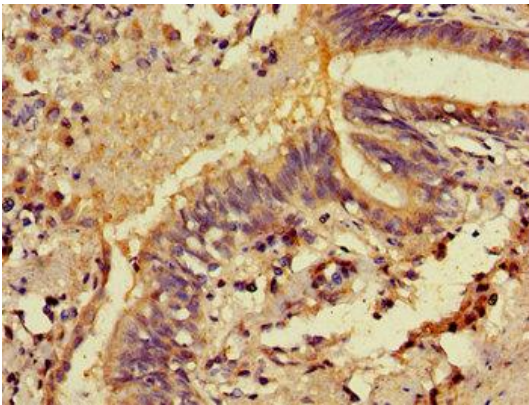
Storage:

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

Product Images



Immunohistochemistry of paraffin-embedded human colon cancer using PACO53490 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human lung cancer using PACO53490 at dilution of 1:100.