

CAB21948

Product Information

Product SKU: CAB21948	Gene ID: 10367	Size: 20uL, 100uL
Clone No: -	Host Species: Rabbit	Reactivity: Human,Mouse,Rat

Additional Information

Observed MW: 46kDa	Conjugate: Unconjugated
Calculated MW: 54kDa	Isotype: IgG

Immunogen Information

Background: This gene encodes an essential regulator of mitochondrial Ca²⁺ uptake under basal conditions. The encoded protein interacts with the mitochondrial calcium uniporter, a mitochondrial inner membrane Ca²⁺ channel, and is essential in preventing mitochondrial Ca²⁺ overload, which can cause excessive production of reactive oxygen species and cell stress. Alternatively spliced transcript variants encoding different isoforms have been described.

Recommended Dilution: WB,1:100 - 1:500

Synonyms: CALC; EFHA3; MPXPS; CBARA1; ara CALC; MICU1

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 105-255 of human MICU1 (NP_001182447.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.