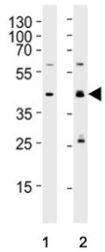
MCUB Antibody / CCDC109B / C109B (F55094)

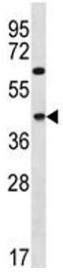
Catalog No.	Formulation	Size
F55094-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55094-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9NWR8
Applications	Western blot: 1:500-1:1000
Limitations	This MCUB antibody is available for research use only.



Western blot testing of human 1) Daudi and 2) HL60 cell lysate with MCUB antibody. Predicted molecular weight ~39 kDa.



Western blot testing of human A549 cell lysate with MCUB antibody. Predicted molecular weight ~39 kDa.

Description

MCUB, or Calcium uniporter regulatory subunit MCUb, mitochondrial, is involved in various cellular processes, including metabolism, cell signaling, and cell death. By controlling the influx of calcium into mitochondria, MCUB helps to regulate mitochondrial function and protect cells from damage. Research has shown that dysregulation of MCUB can lead to mitochondrial dysfunction and contribute to the development of various diseases, including neurodegenerative disorders and cancer.

Application Notes

The stated application concentrations are suggested starting points. Titration of the MCUB antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 291-320 from the human protein was used as the immunogen for the MCUB antibody.

Storage

Aliquot the MCUB antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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