

Allgemeine Informationen

Katalog-Nr.:
67312-1-Ig

Größe:
150ul, Konzentration: 1700 µg/ml von 8898
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG2b

Immunogen Katalognummer:
AG28413

GenBank-Zugangsnummer:
BC052990

GeneID (NCBI):

Vollständiger Name:
myotubularin related protein 2

Berechnete Masse:
73 kDa

Beobachtete Masse:
66-73 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1B11B7

Empfohlene Verdünnungen:
WB 1:1000-1:6000

Anwendungen

Geprüfte Anwendungen:
WB, ELISA

Getestete Reaktivität:
Human

Positivkontrollen:

WB: HeLa-Zellen, Hausschwein-Hirngewebe, HEK-293-Zellen, Jurkat-Zellen

Hintergrundinformationen

MTMR2 (myotubularin-related protein 2) is also named as KIAA1073 and belongs to the non-receptor class myotubularin subfamily, which is characterized by the presence of a phosphatase domain. It may regulate vesicular trafficking in Schwann cells (PMID:17880751) and its reversible phosphorylation represents a critical mechanism for regulating the subcellular localization of MTMR2 (PMID:21372139). MTMR2 is a 73 kDa protein in its monomeric form and exist as a dimer within cells and the protein re-localizes to membranes in hypo-osmotic settings (PMID:16399794). Defects in MTMR2 are the cause of Charcot-Marie-Tooth disease type 4B1 (CMT4B1). MTMR2 has two isoforms with the molecular mass of 73 and 66 kDa.

Lagerung

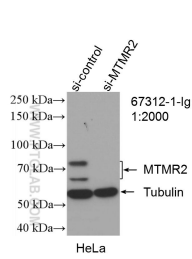
Lagerungsbedingungen:
Bei -20°C lagern.

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

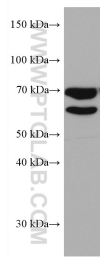
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

Ausgewählte Validierungsdaten



WB result of MTMR2 antibody (67312-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MTMR2 transfected HeLa cells.



HeLa cells were subjected to SDS PAGE followed by western blot with 67312-1-Ig (MTMR2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.