

Nur für Forschungszwecke

MPV17 Polyklonaler Antikörper

Katalog-Nr.: 10310-1-AP

Vorgestelltes Produkt

10 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10310-1-AP	GenBank-Zugangsnummer: BC001115	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 700 µg/ml von Nanodrop;	GeneID (NCBI): 4358	Empfohlene Verdünnungen: WB 1:1000-1:4000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: MpV17 mitochondrial inner membrane protein	
Isotyp: IgG	Berechnete Masse: 20 kDa	
Immunogen Katalognummer: AG0312	Beobachtete Masse: 20 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, WB	WB: A549-Zellen, HeLa-Zellen, HepG2-Zellen, Mausherzgewebe, Rattenherzgewebe
Getestete Reaktivität: Human, Maus	IF: HepG2-Zellen,
Zitierte Arten: Human, Maus	

Hintergrundinformationen

MPV17, also termed as SYM1, encodes an inner mitochondrial membrane protein. It's potential candidate that may account for the mitochondrial (mt) DNA depletion syndromes (MDDS) characterized by a severe, tissue-specific decrease of mtDNA copy number and ultimate organ failure. It's a human ortholog of the mouse kidney disease gene Mpv17. Absence or malfunction of MPV17 causes oxidative phosphorylation (OXPHOS) failure and mtDNA depletion, not only in affected individuals but also in Mpv17^{-/-} mice. MPV17 contribute to ROS homeostasis, but the downstream signaling is unknown yet. Catalog# 10310-1-AP is a rabbit polyclonal antibody raised against the full-length of human MPV17.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Morgane Canonne	32155188	PLoS One	WB
Ilaria Dalla Rosa	24948607	Nucleic Acids Res	WB
Gabriela Casalena	24598802	Am J Physiol Renal Physiol	IF

Lagerung

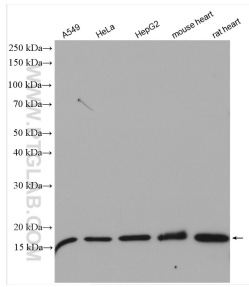
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

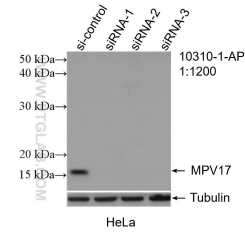
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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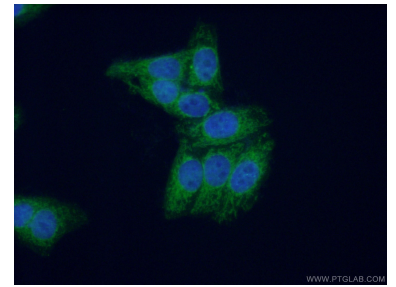
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 10310-1-AP (MPV17 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



WB result of MPV17 antibody (10310-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-MPV17 transfected HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10310-1-AP (MPV17 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).