

Nur für Forschungszwecke

IFIH1/MDA5 Polyklonaler Antikörper



Katalog-Nr.: 21775-1-AP

Vorgestelltes Produkt

38 Publikationen

Allgemeine Informationen

Katalog-Nr.: 21775-1-AP	GenBank-Zugangsnummer: BC111750	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 650 µg/ml von Nanodrop;	GeneID (NCBI): 64135	Empfohlene Verdünnungen: WB 1:500-1:3000 IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: interferon induced with helicase C domain 1	IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 1025 aa, 117 kDa	
Immunogen Katalognummer: AG16467	Beobachtete Masse: 117-125 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, IP, WB, ELISA	Positivkontrollen: WB: Jurkat-Zellen, IP: Jurkat-Zellen, IHC: humanes Skelettmuskelgewebe, IF: Maus-Skelettmuskelgewebe,
In Publikationen genannte Anwendungen: IF, IHC, IP, RIP, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Affe, Hausschwein, Human	

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

IFIH1 (Interferon-induced helicase C domain-containing protein 1) is a putative RNA helicase that is upregulated in response to treatment with IFNB or IFNB and MEZ. It is also named as MDA5 and RH116. Ectopic expression of MDA5 in melanoma cells resulted in reduced colony formation, suggesting an interaction of the CARD and apoptotic signal molecules. Functional analysis indicated that MDA5 is an RNA-dependent ATPase. IFIH1 has an apparent molecular mass of 117-130 kDa, and always other bands (70 kDa and 90 kDa) can be detected as cleaved products (PMID: 17267501).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jiangang Zheng	34587973	BMC Vet Res	WB
Matthew Charman	34621686	Front Cell Infect Microbiol	WB
Wei Zhang	25228491	J Gen Virol	WB

Lagerung

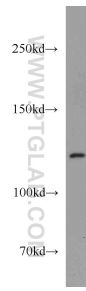
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

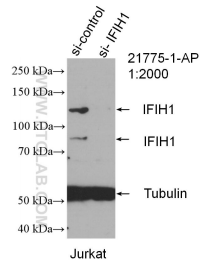
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

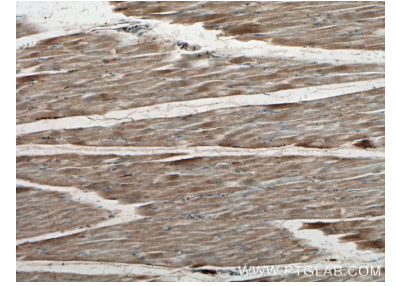
Ausgewählte Validierungsdaten



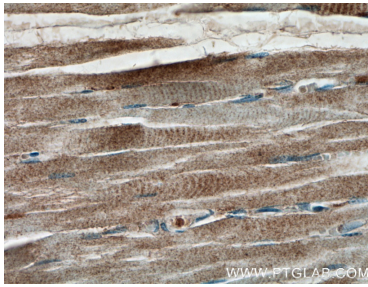
Jurkat cells were subjected to SDS PAGE followed by western blot with 21775-1-AP (IFIH1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



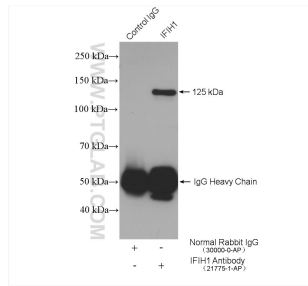
WB result of IFIH1 antibody (21775-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-IFIH1 transfected Jurkat cells.



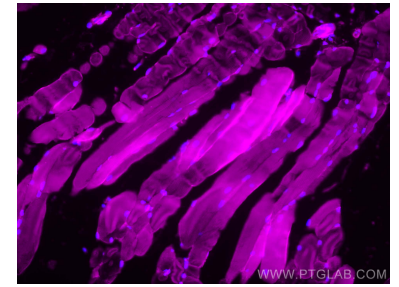
Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 21775-1-AP (IFIH1 antibody) at dilution of 1:200 (under 10x lens).



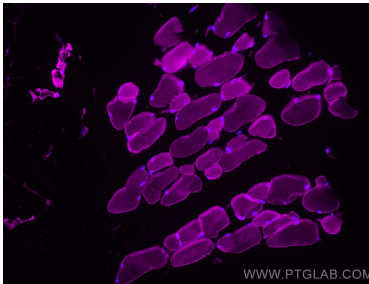
Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 21775-1-AP (IFIH1 antibody) at dilution of 1:200 (under 40x lens).



IP result of anti-IFIH1 (IP:21775-1-AP, 4ug; Detection:21775-1-AP 1:300) with Jurkat cells lysate 4000 ug.



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using IFIH1/MDA5 antibody (21775-1-AP) at dilution of 1:200 and CoraLite®647-conjugated AffiniPure F(ab).



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using IFIH1/MDA5 antibody (21775-1-AP) at dilution of 1:200 and CoraLite®647-conjugated AffiniPure F(ab).