

Nur für Forschungszwecke

MLN64 Polyklonaler Antikörper

Katalog-Nr.: 20292-1-AP

Vorgestelltes Produkt

1 Publikationen



Allgemeine Informationen

Katalog-Nr.:
20292-1-AP

Größe:
150ul, Konzentration: 200 µg/ml von
Nanodrop und 147 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG14061

GenBank-Zugangsnummer:
BC008747

GeneID (NCBI):
10948

Vollständiger Name:
StAR-related lipid transfer (START)
domain containing 3

Berechnete Masse:
445 aa, 51 kDa

Beobachtete Masse:
33-53 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:20-1:200
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human

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

Positivkontrollen:

WB: MCF7 cells, A549-Zellen, Jurkat-Zellen, Maushirngewebe, Maus-Plazenta-Gewebe, MCF-7-Zellen, Rattenhirngewebe

IP: MCF-7-Zellen,

IHC: humanes Ovarialkarzinomgewebe,

IF: MCF-7-Zellen,

Hintergrundinformationen

MLN64 (also known as STARD3) is an integral membrane protein anchored in late endosomes. MLN64 has a StAR-related lipid-transfer (START) domain to bind cholesterol, mediating intracellular cholesterol transfer. MLN64 is widely expressed in multiple tissues including liver, spleen, heart, kidney, lung, and the brain. Higher expression of MLN64 has been found in several malignancies. MLN64 can be detected as 33 kDa truncated fragment (PMID:9237999, PMID:15718238).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Rui Liu	24905460	Autophagy	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

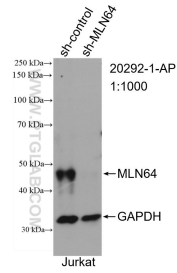
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

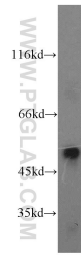
E: proteintech@ptglab.com
W: ptglab.com

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

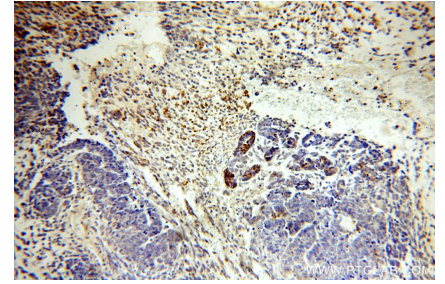
Ausgewählte Validierungsdaten



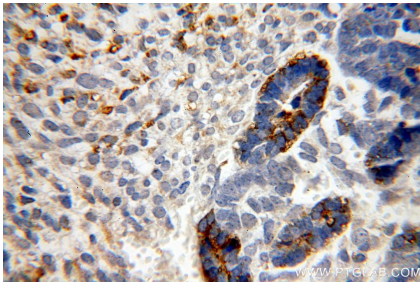
WB result of MLN64 antibody (20292-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MLN64 transfected Jurkat cells.



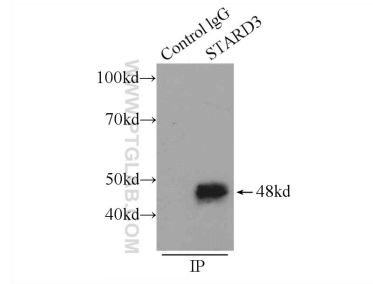
MCF7 cells were subjected to SDS PAGE followed by western blot with 20292-1-AP (MLN64 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



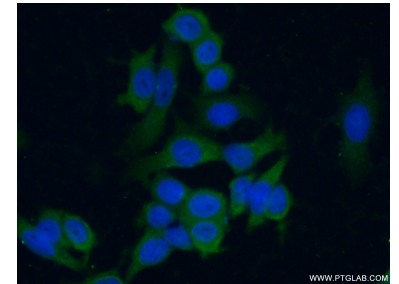
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 20292-1-AP (MLN64 antibody) at dilution of 1:200 (under 10x lens).



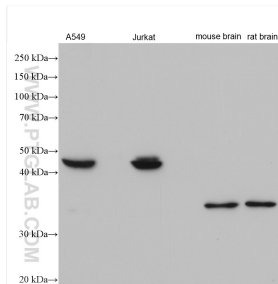
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 20292-1-AP (MLN64 antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-MLN64, STARD3 (IP: 20292-1-AP, 3ug; Detection: 20292-1-AP 1:500) with MCF-7 cells lysate 1200ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 20292-1-AP (MLN64 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 20292-1-AP (MLN64 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.