

Allgemeine Informationen

Katalog-Nr.:

15721-1-AP

Größe:

150ul, Konzentration: 600 µg/ml von Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG8440

GenBank-Zugangsnummer:

BC005022

GeneID (NCBI):

51429

Vollständiger Name:

sorting nexin 9

Berechnete Masse:

595 aa, 67 kDa

Beobachtete Masse:

78 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:8000

IP 0.5-4.0 µg für IP und 1:500-1:2000 für WB

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Affe, Human, Maus

Positivkontrollen:

WB : HeLa-Zellen, humanes Herzgewebe, Mausherzgewebe, Maus-Skelettmuskelgewebe, Rattenherzgewebe

IP : Mausherzgewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

Sorting nexins are a diverse group of cytoplasmic and membrane-associated proteins that are classified by the presence of a phospholipid-binding motif-the PX domain (PMID:12461558). They are involved in endocytosis and protein trafficking. SNX9 (Sorting nexin-9, also known as SH3PX1) was originally identified as a protein that interacted with the metalloproteinases ADAM9 and ADAM15. It contains a PX and an Sec homology 3 (SH3) domain. SNX9 functions in clathrin-mediated endocytosis and clathrin-independent, actin-dependent fluid-phase endocytosis (PMID: 17609109). On SDS-PAGE, SNX9 migrates at a molecular weight (70-78 kDa) higher than its calculated molecular mass of 67 kDa (PMID: 15299020; 12952949; 18411244; 15703209).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Chengcheng Liu	27655699	Oncotarget	WB
Kiran Todkar	33785738	Nat Commun	WB
Christina G Towers	34171288	Dev Cell	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

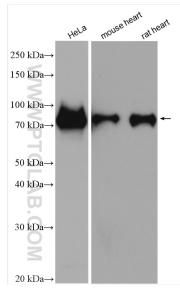
For technical support and original validation data for this product please contact:

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

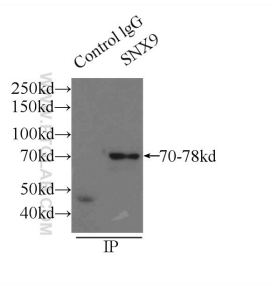
E: proteintech@ptglab.com
W: ptglab.com

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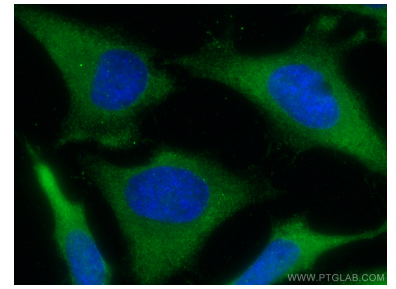
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 15721-1-AP (SNX9 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP Result of anti-SNX9 (IP:15721-1-AP, 3 μ g; Detection:15721-1-AP 1:1000) with mouse heart tissue lysate 9500 μ g.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using SNX9 antibody (15721-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).