

Nur für Forschungszwecke

MYH9 Polyklonaler Antikörper

Katalog-Nr.: 11128-1-AP

Vorgestelltes Produkt

21 Publikationen



Allgemeine Informationen

Katalog-Nr.: 11128-1-AP	GenBank-Zugangsnummer: BC011915	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 900 µg/ml von Nanodrop;	GeneID (NCBI): 4627	Empfohlene Verdünnungen: WB 1:5000-1:50000 IP 0.5-4.0 µg für IP und 1:500-1:2000 für WB
Wirt: Kaninchen	Vollständiger Name: myosin, heavy chain 9, non-muscle	IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 227 kDa	
Immunogen Katalognummer: AG1612	Beobachtete Masse: 224 kDa	

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
CoIP, IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte

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

Positivkontrollen:

WB: A549-Zellen, humanes Hirngewebe, Maushirngewebe, Maus-Kolongewebe, Mausnierengewebe, U2OS-Zellen

IP: Maushirngewebe,

IHC: humanes Lungenkarzinomgewebe, humanes Nierengewebe, Mausnierengewebe

IF: Maus-Dünndarmgewebe, HepG2-Zellen

Hintergrundinformationen

MYH9 (Myosin-9) appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. MYH9 is a hexameric protein that consists of two heavy chains (~200 kDa) and two pairs of non-identical light chains (15-22 kDa), a pair of essential or alkali light chains, and a pair of regulatory light chains (PMID: 12800156).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Peiyuan Li	34586803	J Agric Food Chem	WB
Yang Cao	30336116	Exp Cell Res	WB,IP,IF
Ru Zheng	27742864	Reproduction	IHC

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

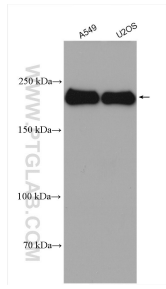
For technical support and original validation data for this product please contact:

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

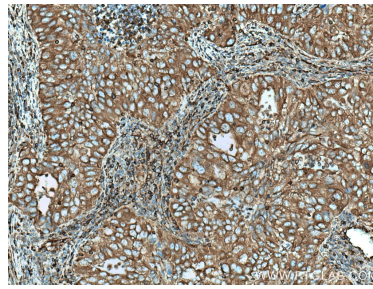
E: proteintech@ptglab.com
W: ptglab.com

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

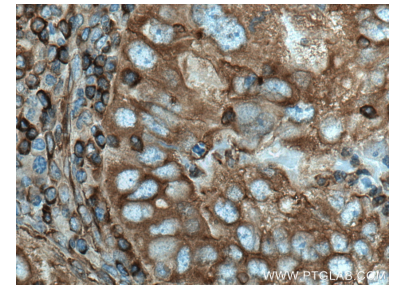
Ausgewählte Validierungsdaten



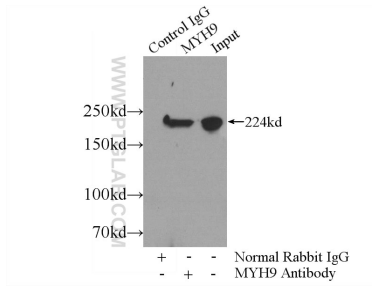
Various cell lysates were subjected to SDS PAGE followed by western blot with 11128-1-AP (MYH9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



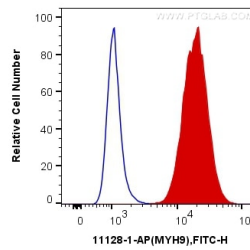
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11128-1-AP (MYH9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



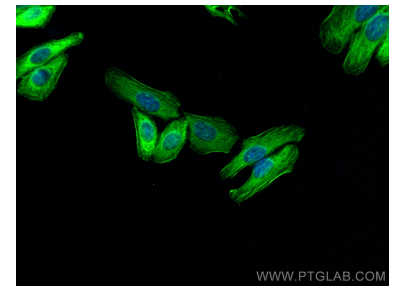
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11128-1-AP (MYH9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



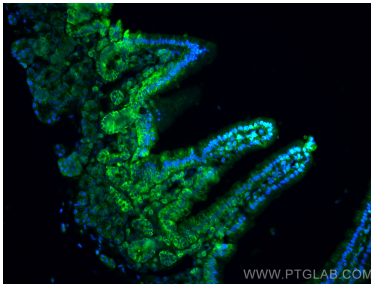
IP Result of anti-MYH9 (IP:11128-1-AP, 5ug; Detection:11128-1-AP 1:1000) with mouse brain tissue lysate 4000ug.



1×10^6 HepG2 cells were intracellularly stained with 0.2 ug Anti-Human MYH9 (11128-1-AP) and Fluorescein (FITC)-conjugated Affinipure Goat Anti-Rabbit IgG(H+L) at dilution 1:200 (red), or 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using MYH9 antibody (11128-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse small intestine tissue using MYH9 antibody (11128-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).