

Nur für Forschungszwecke

DIAPH3 Polyklonaler Antikörper

Katalog-Nr.: 14342-1-AP

Vorgestelltes Produkt

20 Publikationen



Allgemeine Informationen

Katalog-Nr.: 14342-1-AP	GenBank-Zugangsnummer: BC048963	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 700 µg/ml von Nanodrop;	GeneID (NCBI): 81624	Empfohlene Verdünnungen: WB 1:500-1:2000 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: diaphanous homolog 3 (Drosophila)	IHC 1:20-1:200 IF 1:20-1:200
Isotyp: IgG	Berechnete Masse: 137 kDa	
Immunogen Katalognummer: AG5656	Beobachtete Masse: 125-137 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, IP, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, DU 145-Zellen, HEK-293-Zellen
In Publikationen genannte Anwendungen: IF, IHC, IP, WB	IP : HeLa-Zellen,
Getestete Reaktivität: Human	IHC : humanes Zervixkarzinomgewebe, humanes Prostatakarzinomgewebe, Maushodengewebe, Rattenhodengewebe
Zitierte Arten: Human, Maus	IF : HeLa-Zellen,

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

Hintergrundinformationen

DIAPH3 is also referred as diaphanous-related formin-3 which binds to GTP-bound form of Rho and to profilin, acts in a Rho-dependent manner to recruit profilin to the membrane. It is required for cytokinesis, stress fiber formation, and transcriptional activation of the serum response factor. Seven isoforms of DIAPH3 exist due to the alternative splicing. Recently it has been reported that dimerization and actin assembly activity of DIAPH3 isoforms 1 and 7 are essential for induction of specific cell protrusions. It may propose that isoform-selective actin assembly by DIAPH3 exerts specific and differentially regulated functions during cell adhesion and motility.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Esmeralda Castelblanco	27796194	Thyroid	
Renli Huang	35538918	Cancer Med	WB,IHC
Kathryn N Becker	35563863	Cells	WB

Lagerung

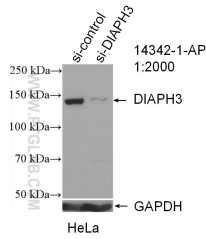
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

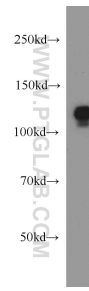
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

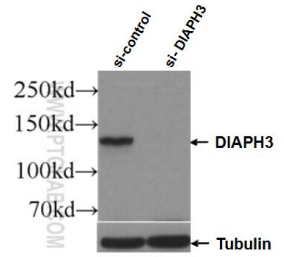
Ausgewählte Validierungsdaten



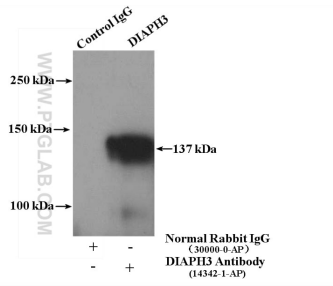
WB result of DIAPH3 antibody (14342-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DIAPH3 transfected HeLa cells.



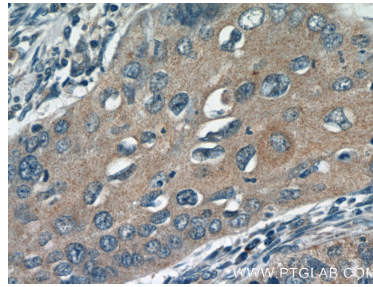
HeLa cells were subjected to SDS PAGE followed by western blot with 14342-1-AP (DIAPH3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



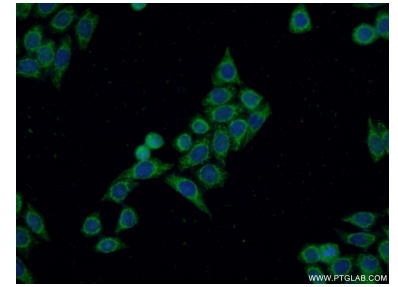
WB result of DIAPH3 antibody (14342-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DIAPH3 transfected HEK-293 cells.



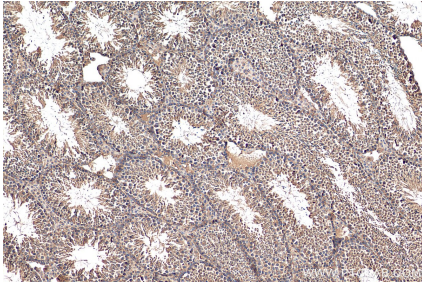
IP Result of anti-DIAPH3 (IP:14342-1-AP, 4ug; Detection:14342-1-AP 1:500) with HeLa cells lysate 2000ug.



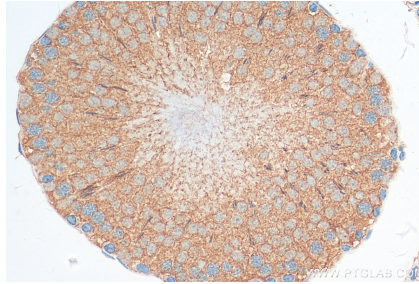
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14342-1-AP (DIAPH3 Antibody) at dilution of 1:50.



Immunofluorescent analysis of HeLa cells using 14342-1-AP (DIAPH3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 14342-1-AP (DIAPH3 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 rat testis tissue slide using 14342-1-AP (DIAPH3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).