

Nur für Forschungszwecke

ARF4 Polyklonaler Antikörper

Katalog-Nr.: 11673-1-AP

Vorgestelltes Produkt

35 Publikationen



Allgemeine Informationen

Katalog-Nr.:
11673-1-AP

Größe:
150ul, Konzentration: 300 µg/ml von
Nanodrop und 267 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG2272

GenBank-Zugangsnummer:
BC003364

GeneID (NCBI):
378

Vollständiger Name:
ADP-ribosylation factor 4

Berechnete Masse:
180 aa, 21 kDa

Beobachtete Masse:
16 kDa, 21 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:6000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

FC (Intra), IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB: HT-29-Zellen, HeLa-Zellen, HepG2-Zellen, K-562-Zellen, Moushirngewebe, Rattenhirngewebe

IP: Moushirngewebe,

IHC: humanes Mammakarzinomgewebe,

IF: HepG2-Zellen,

Hintergrundinformationen

ARF4, also named as ARF2, belongs to the small GTPase superfamily and Arf family. ADP-ribosylation factors (ARFs) are members of the ARF family of GTP-binding proteins of the Ras superfamily, with 20 kDa protein size. ARFs bind and regulate GTP/GDP cycle by alternating between the active GTP-bound and inactive GDP-bound conformations. ARF family proteins are essential and ubiquitous in eukaryotes. Six highly conserved members of the family have been identified in mammalian cells. They function in vesicular traffic and actin remodelling and other bioprocesses in cells. ARF4 and ARF5 are class II ARFs. Their function are not fully described. (PMID: 7759471, PMID: 16042562). This antibody can bind ARFs for the close sequences.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jain Sachi S	23050017	PLoS One	WB
Arisa Ochiai	34523057	Neurochem Res	WB
Ayako Hanai	26330566	J Biochem	IF

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

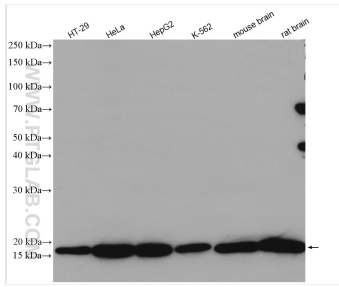
For technical support and original validation data for this product please contact:

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

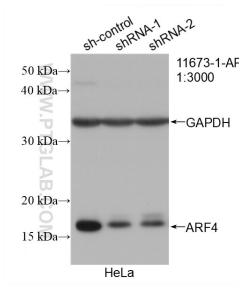
E: proteintech@ptglab.com
W: ptglab.com

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

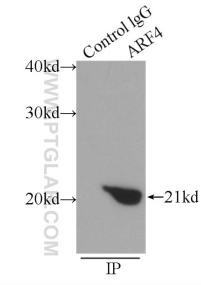
Ausgewählte Validierungsdaten



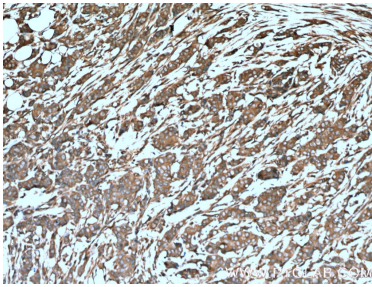
Various lysates were subjected to SDS PAGE followed by western blot with 11673-1-AP (ARF4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



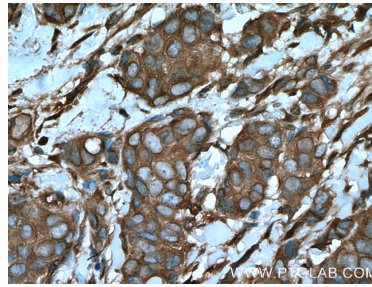
WB result of ARF4 antibody (11673-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ARF4 transfected HeLa cells.



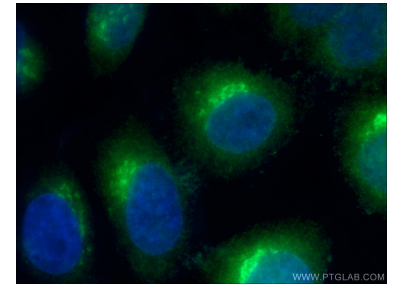
IP Result of anti-ARF4 (IP:11673-1-AP, 3ug; Detection:11673-1-AP 1:600) with mouse brain tissue lysate 5200ug.



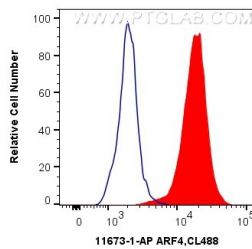
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11673-1-AP (ARF4 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11673-1-AP (ARF4 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 11673-1-AP (ARF4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 K-562 cells were intracellularly stained with 0.4 ug Anti-Human ARF4 (11673-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).