

For Research Use Only

TRIP10 Polyclonal antibody

Catalog Number: 10798-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

10798-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1251

GenBank Accession Number:

BC013002

GeneID (NCBI):

9322

UNIPROT ID:

Q15642

Full Name:

thyroid hormone receptor interactor 10

Calculated MW:

63 kDa

Observed MW:

75-85 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB: HEK-293 cells, K-562 cells, BxPC-3 cells, mouse skeletal muscle tissue, HeLa cells, NIH/3T3 cells, C6 cells

IP: K-562 cells,

IF/ICC: HeLa cells, BxPC-3 cells

Background Information

TRIP10 (thyroid hormone receptor interactor 10), also known as CIP4 (Cdc42-interacting protein 4), is a novel adaptor protein which may be involved in plasma membrane remodeling. CIP4 has been reported to negatively regulate glucose uptake by promoting GLUT4 endocytosis in muscle cells. At least five splice variants for human CIP4 have been identified, including CIP4a (CIP4), CIP4b (FELIC), CIP4c, CIP4d (CIP4/2). Western blot analysis usually demonstrates a major band around 75 kDa and a weaker band about 85 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Shinya Yuge	35551172	Nat Commun	WB, IF
Dong-Fang Meng	28129778	J Exp Clin Cancer Res	WB, IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

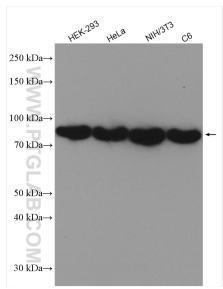
For technical support and original validation data for this product please contact:

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

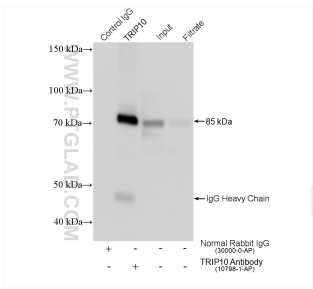
E: proteintech@ptglab.com
W: ptglab.com

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

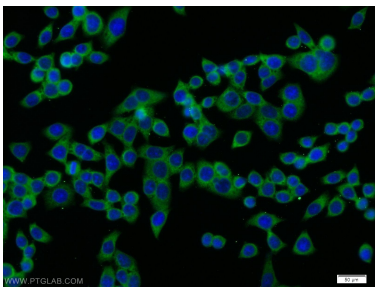
Selected Validation Data



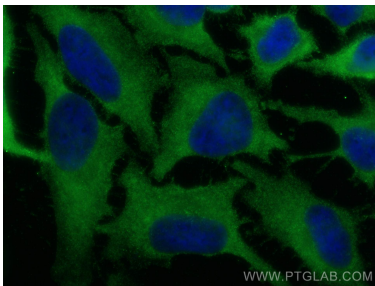
Various lysates were subjected to SDS PAGE followed by western blot with 10798-1-AP (TRIP10 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-TRIP10 (IP:10798-1-AP, 4ug; Detection:10798-1-AP 1:10000) with K-562 cells lysate 1760 ug.



Immunofluorescent analysis of BxPC-3 cells using 10798-1-AP (TRIP10 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TRIP10 antibody (10798-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).