

For Research Use Only

TRPS1 Polyclonal antibody

Catalog Number: 20003-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

20003-1-AP

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_014112

GeneID (NCBI):

7227

UNIPROT ID:

Q9UHF7

Full Name:

trichorhinophalangeal syndrome I

Calculated MW:

142 kDa

Observed MW:

135-142 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

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

IHC: 1:20-1:200

IF/ICC: 1:20-1:200

Applications

Tested Applications:

WB, IP, IF, IHC, ELISA

Cited Applications:

WB, IHC, IF, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse brain tissue, mouse kidney tissue, rat brain tissue

IP : HeLa cells,

IHC : human prostate cancer tissue, human kidney tissue, mouse brain tissue, mouse kidney tissue, mouse liver tissue

IF/ICC : HepG2 cells,

Background Information

TRPS1, also named as GC79 and LGCR, is a transcriptional repressor. TRPS1 may act to restrict expression of GATA-regulated genes at selected sites and stages in vertebrate development. It might be involved in prostate cancer apoptosis. Defects in TRPS1 are the cause of tricho-rhino-phalangeal syndrome type 1/2/3 (TRPS1) (TRPS2) (TRPS3). The antibody recognizes the C-term of TRPS1.

Notable Publications

Author	Pubmed ID	Journal	Application
Letizia Penolazzi	31569377	Cells	WB,IHC,chIP
Letizia Penolazzi	35537547	Life Sci	IHC,IF
Jiandong Sun	34185441	Andrology	WB,ChIP

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

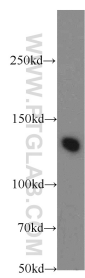
T: 4006900926

E: Proteintech-CN@ptglab.com

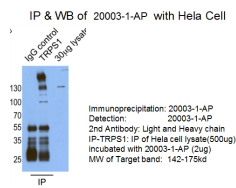
W: ptgcn.com

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

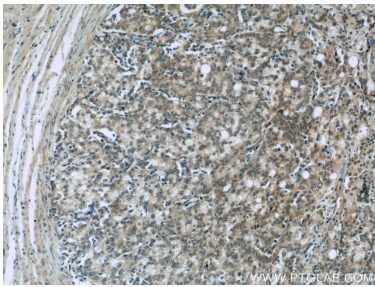
Selected Validation Data



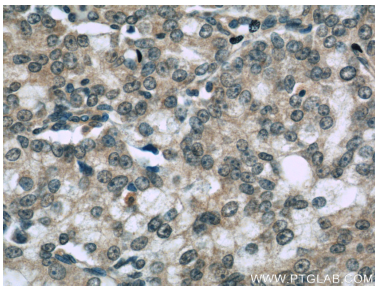
mouse brain tissue were subjected to SDS PAGE followed by western blot with 20003-1-AP (TRPS1 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



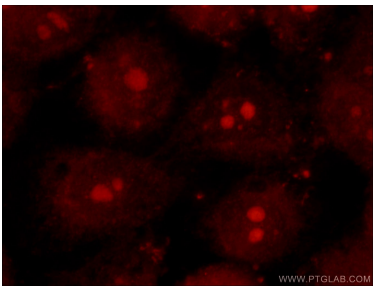
IP result of anti-TRPS1 (20003-1-AP for IP and Detection).



Immunohistochemical analysis of paraffin-embedded human prostate cancer slide using 20003-1-AP (TRPS1 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human prostate cancer slide using 20003-1-AP (TRPS1 Antibody) at dilution of 1:50.



Immunofluorescent analysis of HepG2 cells, using TRPS1 antibody 20003-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).