

For Research Use Only

TSC22D2 Polyclonal antibody

Catalog Number: 25418-1-AP

1 Publications



Basic Information

Catalog Number:

25418-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 387 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22294

GenBank Accession Number:

BC044643

GeneID (NCBI):

9819

UNIPROT ID:

O75157

Full Name:

TSC22 domain family, member 2

Calculated MW:

780 aa, 79 kDa

Observed MW:

100-110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

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

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human

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 : HEK-293 cells, MDA-MB-453s cells, HepG2 cells, SH-SY5Y cells

IP : HepG2 cells,

IHC : human kidney tissue, human colon tissue

IF/ICC : HepG2 cells,

Background Information

TSC22D2 (transforming growth factor β -stimulated clone 22 domain family, member 2) is a member of the TSC-22 domain family comprising putative transcription factors that are characterized by a carboxy-terminal leucine zipper and an adjacent TSC-box. TSC22D2 is expressed at low levels in CRC and that TSC22D2 overexpression significantly inhibited the growth rate of cancer cells (PMID: 27573352).

Notable Publications

Author	Pubmed ID	Journal	Application
Qixian Liu	36894917	BMC Cancer	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

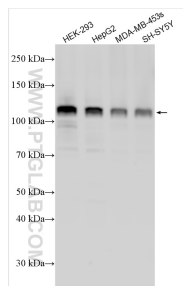
For technical support and original validation data for this product please contact:

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

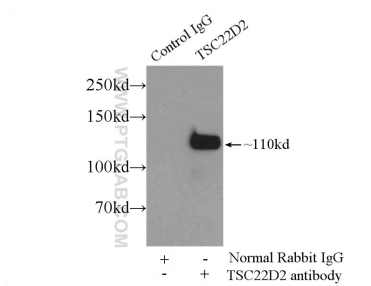
E: proteintech@ptglab.com
W: ptglab.com

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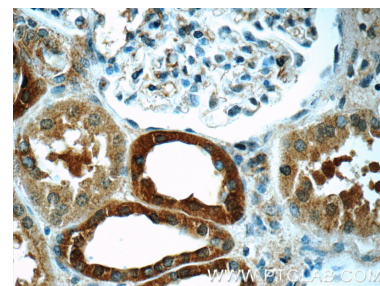
Selected Validation Data



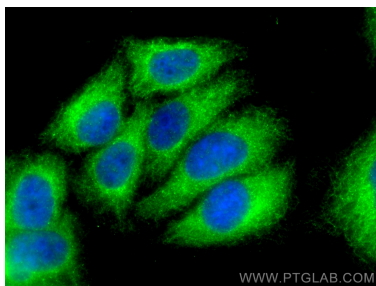
Various lysates were subjected to SDS PAGE followed by western blot with 25418-1-AP (TSC22D2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-TSC22D2 (IP:25418-1-AP, 5ug; Detection:25418-1-AP 1:300) with HepG2 cells lysate 2500ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25418-1-AP (TSC22D2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TSC22D2 antibody (25418-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).