

For Research Use Only

TSC22D1 Polyclonal antibody, PBS Only

Catalog Number: 10214-1-PBS

Featured Product



Basic Information

Catalog Number:

10214-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0287

GenBank Accession Number:

BC000456

GeneID (NCBI):

8848

UNIPROT ID:

Q15714

Full Name:

TSC22 domain family, member 1

Calculated MW:

16 kDa

Observed MW:

16 kDa

Purification Method:

Protein A purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, rat

Background Information

TSC22 domain family 1, transforming growth factor beta 1 induced transcript 4, (TSC22D1, synonyms: TSC22, TGFB1L4, MGC17597) is a member of a family of leucine zipper containing transcription factors with repressor activity and belongs to the large family of early response genes. TSC-22 regulates cell growth and differentiation, and cell death. Leucine zipper structure of TSC22 inhibits the anchorage independent growth of cancer cells. TSC-22 is also an important downstream component of peroxisome proliferator-activated receptor (PPAR) and TGF-beta signaling during intestinal epithelial cell differentiation. This antibody is a rabbit polyclonal antibody raised against an internal region of human TSC22D1.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

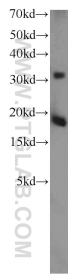
For technical support and original validation data for this product please contact:

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

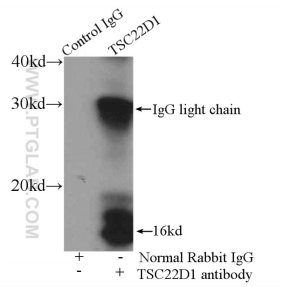
E: proteintech@ptglab.com
W: ptglab.com

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

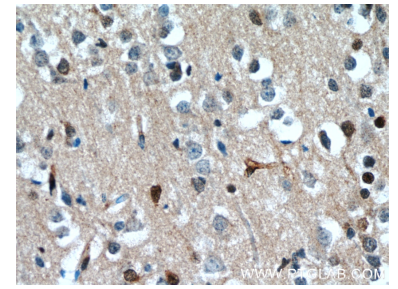
Selected Validation Data



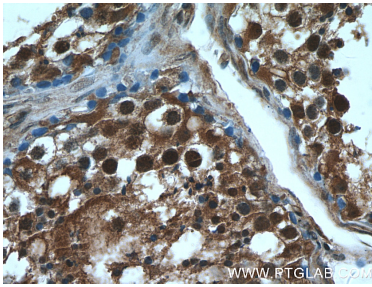
human brain tissue were subjected to SDS PAGE followed by western blot with 10214-1-Ig (TSC22D1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10214-1-PBS in a different storage buffer formulation.



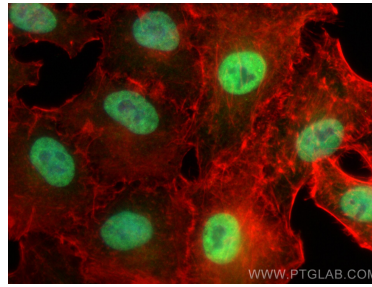
IP result of anti-TSC22D1 (IP:10214-1-Ig, 4ug; Detection:10214-1-Ig 1:500) with rat brain tissue lysate 4000ug. This data was developed using the same antibody clone with 10214-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 10214-1-Ig (TSC22D1 Antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 10214-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 10214-1-Ig (TSC22D1 Antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 10214-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using TSC22D1 antibody (10214-1-Ig) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 10214-1-PBS in a different storage buffer formulation.