

For Research Use Only

# TSC22D4 Polyclonal antibody

Catalog Number: 55017-1-AP

Featured Product

1 Publications



## Basic Information

**Catalog Number:**

55017-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_030935

**GeneID (NCBI):**

81628

**UNIPROT ID:**

Q9Y3Q8

**Full Name:**

TSC22 domain family, member 4

**Calculated MW:**

41 kDa

**Observed MW:**

41-45 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, WB, ELISA

**Cited Applications:**

WB, IP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**Positive Controls:**

WB : HeLa cells,

IF : HeLa cells,

## Background Information

TSC22D4, also named as TILZ2 and THG-1, is a transcriptional repressor. It is a leucine zipper-containing protein that is highly conserved during evolution. TSC22D4 is transcriptionally up-regulated by many different stimuli, including anti-cancer drugs and growth inhibitors. It plays a suppressive role in tumorigenesis. TSC22D4 interacts with TSC22D1 by forming heterodimers (PMID:10488076). This antibody is specific to TSC22D4.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jessica Dragotto	30912127	J Cell Physiol	WB,IP

## 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

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

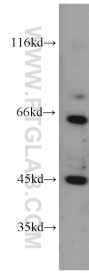
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

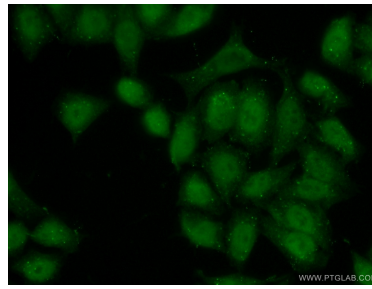
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 55017-1-AP (TSC22D4 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 55017-1-AP (TSC22D4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).