

TSC22D1 Polyclonal Antibody

Catalog number: 10214-1-Ig

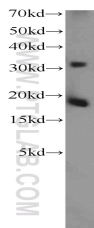
Size: 90 µg/150 µl

Source: Rabbit

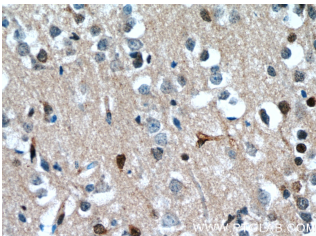
Isotype: IgG

Synonyms:

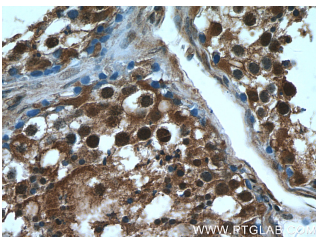
TSC22D1; Cerebral protein 2, DKFZp686O19206, KIAA1994, Regulatory protein TSC 22, RP11 269C23.2, TGFB114, TSC22, TSC22 domain family protein 1, TSC22 domain family, member 1, TSC22D1



human brain tissue were subjected to SDS PAGE followed by western blot with 10214-1-Ig(TSC22D1 antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human brain tissue slide using 10214-1-Ig(TSC22D1 Antibody) at dilution of 1:50 (under 40x lens)



Immunohistochemistry of paraffin-embedded human testis tissue slide using 10214-1-Ig(TSC22D1 Antibody) at dilution of 1:50 (under 40x lens)

Background

TSC22 domain family 1, transforming growth factor beta 1 induced transcript 4, (TSC22D1, synonyms: TSC22, TGFB114, 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.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IF, IHC, IP, WB
Species specificity:	Human, Rat, Mouse; other species not tested.
Cited species:	Human, mouse
Calculated TSC22D1 MW:	16 kDa
Observed TSC22D1 MW:	16 kDa
Positive WB detected in	Human brain tissue, A549 cells, rat brain tissue
Positive IP detected in	Rat brain tissue
Positive IHC detected in	Human brain tissue, human gliomas tissue, human testis tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

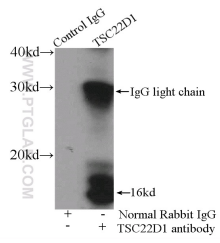
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0287
GenBank accession number:	BC000456
Gene ID (NCBI):	8848
Full name:	TSC22 domain family, member 1

Product information

Purification method:	Protein A purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-TSC22D1
(IP:10214-1-Ig, 4ug;
Detection:10214-1-Ig 1:500)
with rat brain tissue lysate
4000ug.