

Rabbit TSC22D1 Polyclonal Antibody | anti-TSC22D1 antibody

Anti-TSC22D1 Antibody, Rabbit Polyclonal

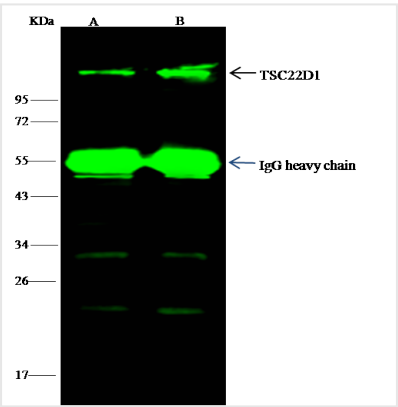
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254583	Rabbit	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

TSC22D1; Polyclonal Antibody; Anti-TSC22D1 Antibody; Rabbit Polyclonal; TSC22D1 Antibody; Rabbit PAb; Antigen Affinity Purified; TSC22 domain family; member 1; Anti-Ptg-2 Antibody; Anti-TGFB1I4 Antibody; Anti-TSC22 Antibody; anti-TSC22D1 antibody

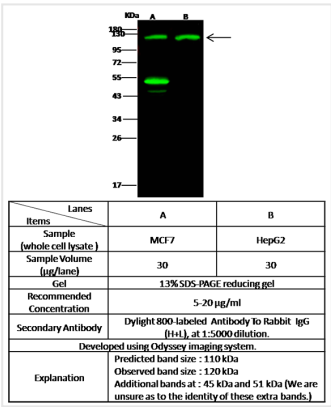
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TSC22D1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TSC22D1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human TSC22D1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human TSC22D1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

TSC22D1 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate; Lane B: 0.5 mg Jurkat Whole Cell Lysate; 4 μ L anti-TSC22D1 rabbit polyclonal antibody and 15 μ L of 50 % Protein G agarose. Primary antibody: Anti-TSC22D1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 110 kDa. Observed band size: 110 kDa.



WB (Western Blot)

Anti-TSC22D1 rabbit polyclonal antibody at 1:500 dilution. Lane A: MCF7 Whole Cell Lysate; Lane B: HepG2 Whole Cell Lysate. Lysates/proteins at 30 μ g per lane. Secondary: Goat Anti-Rabbit γ -Glu H&L (DyLight 800) at 1:10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 110 kDa. Observed band size: 120 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-TSC22D1 antibody	TSC22 domain family, member 1 (TSC22D1) is one of the TGF-beta-stimulated clone-22 (TSC-22). TSC-22 was reported to be a differentiation-inducing factor that negatively regulates the growth of salivary gland cancer cells. TSC22D1, which encodes transforming growth factor beta-stimulated clone 22 (TSC-22), is thought to be a tumor suppressor because its expression is lost in many glioblastoma, salivary gland, and prostate cancers. TSC-22 is the founding member of the TSC-22/DIP/Bun family of leucine zipper transcription factors. TSC-22 may play an important role in maintaining the differentiated phenotype in salivary gland tumors, and may be a possible target of leukemia therapy. TSC22D1 forms homodimers via its conserved leucine zipper domain and heterodimerizes with TSC22D4. TSC22D1 has transcriptional repressor activity.
References	Doi Y, et al. (2008) Expression and cellular localization of TSC-22 in normal salivary glands and salivary gland tumors: implications for tumor cell differentiation. <i>Oncol Rep.</i> 19(3): 609-16. Wu X, et al. (2008) The Drosophila homolog of human tumor suppressor TSC-22 promotes cellular growth, proliferation, and survival. <i>Proc Natl Acad Sci U S A.</i> 105(14): 5414-9. Lu Y, et al. (2007) Identification of TSC-22 as a potential tumor suppressor that is upregulated by Flt3-D835V but not Flt3-ITD. <i>Leukemia.</i> 21(11): 2246-57.

NCBI AND UNIPROT INFORMATION

NCBI GI #	345090986
NCBI GeneID	8848
NCBI Accession #	NP_001230728.1
NCBI GenBank Nucleotide #	NM_001243799.1
UniProt Accession #	Q15714; O00666; Q6AHX5; Q6IBU1; Q8NCN1; Q96JS5; B3KRL7; B9EGIO
Molecular Weight	109,677 Da
NCBI Official Full Name	TSC22 domain family protein 1 isoform 4
NCBI Official Synonym Full Names	TSC22 domain family, member 1
NCBI Official Symbol	TSC22D1
NCBI Official Synonym Symbols	Ptg-2; TSC22; TGFBI4
NCBI Protein Information	TSC22 domain family protein 1; cerebral protein 2; regulatory protein TSC-22; TGFbeta-stimulated clone 22; TGFbeta-stimulated clone 22 homolog; transcriptional regulator TSC-22; transforming growth factor beta-stimulated protein TSC-22; transforming growth f

UniProt Protein Name	TSC22 domain family protein 1
UniProt Gene Name	TSC22D1
UniProt Synonym Gene Names	KIAA1994; TGFB1I4; TSC22
UniProt Entry Name	T22D1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tsc22d1-antibody-immunoprecipitation-western-blot-elisa/254583>