

## Product datasheet for **TA505061BM**

### **TSC22D1 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4A11]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI4A11
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TSC22D1(NP_006013) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15.5 kDa
Gene Name:	TSC22 domain family member 1
Database Link:	<a href="#">NP_006013</a> <a href="#">Entrez Gene 21807 Mouse</a> <a href="#">Entrez Gene 498545 Rat</a> <a href="#">Entrez Gene 8848 Human</a> <a href="#">Q15714</a>



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**Background:**

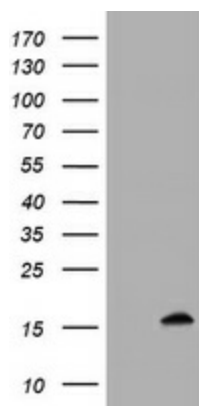
This gene encodes a member of the TSC22 domain family of leucine zipper transcription factors. The encoded protein is stimulated by transforming growth factor beta, and regulates the transcription of multiple genes including C-type natriuretic peptide. The encoded protein may play a critical role in tumor suppression through the induction of cancer cell apoptosis, and a single nucleotide polymorphism in the promoter of this gene has been associated with diabetic nephropathy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2011]

**Synonyms:**

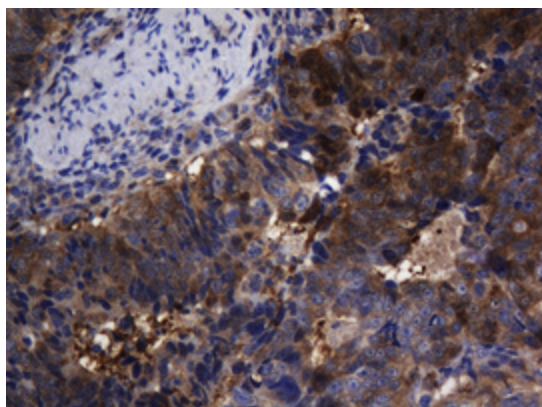
Ptg-2; TGFB114; TSC22

**Protein Families:**

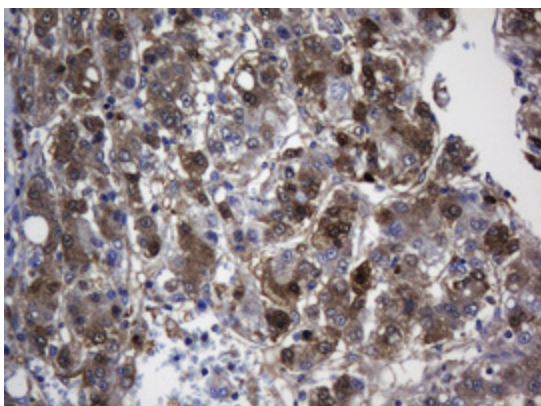
Transcription Factors

**Product images:**

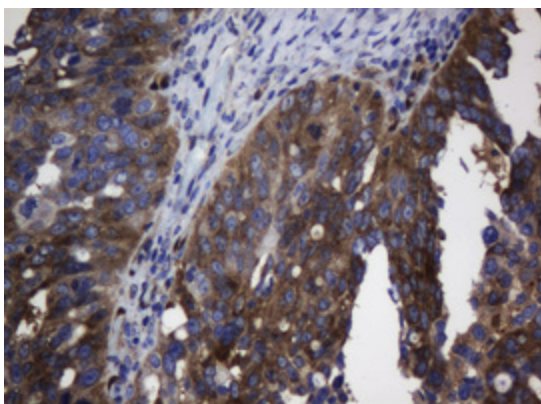
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TSC22D1 ([RC223210], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TSC22D1. Positive lysates [LY416882] (100ug) and [LC416882] (20ug) can be purchased separately from OriGene.



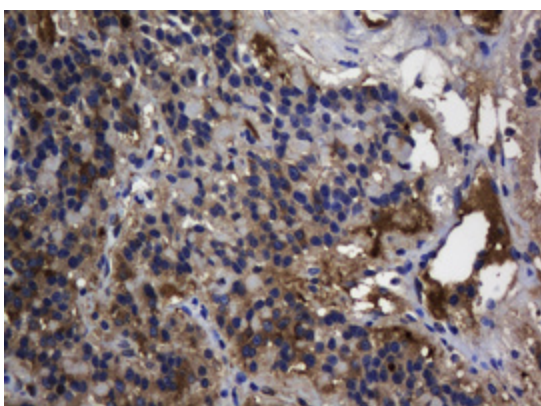
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505061])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505061])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505061])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505061])