

产品名称: TSC-22 Rabbit Polyclonal Antibody  
产品货号: AP Rab19354



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | TSC-22 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody        |
| 宿主 (Host)              | Rabbit                            |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA               |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                   |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | TSC22D1<br>TSC22D1; KIAA1994; TGFB1I4; TSC22; hucep-2; TSC22 domain family protein 1;                                                           |
| 别名 (Alternative Names) | Cerebral protein 2; Regulatory protein TSC-22; TGFB-stimulated clone 22 homolog; Transforming growth factor beta-1-induced transcript 4 protein |
| 基因 ID (Gene ID)        | 8848.0                                                                                                                                          |
| 蛋白 ID (SwissProt ID)   | Q15714.The antiserum was produced against synthesized peptide derived from human TSC22D1. AA range:71-120                                       |

## 产品应用 (Application)

|                          |                                                                           |
|--------------------------|---------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 16kDa                                                                     |

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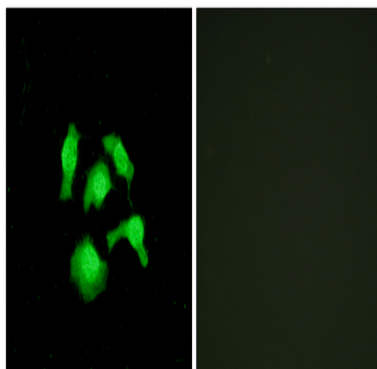
## 研究背景 (Background)

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],function:Transcriptional repressor. Acts on the C-type natriuretic peptide (CNP) promoter.,induction:In aortic endothelial cells, induced by cytokines, including TGFB.,similarity:Belongs to the TSC-22/Dip/Bun family.,subunit:Homodimer or heterodimer. Can form an heterodimer with TSC22D4.,tissue specificity:Widely expressed in fetal and adult tissues.,

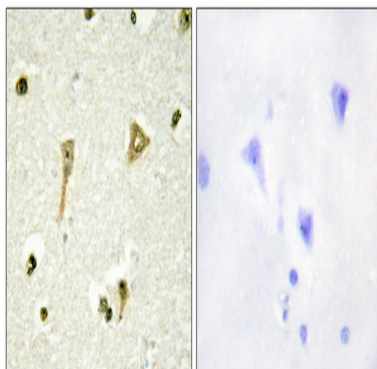
## 研究领域 (Research Area)

Epigenetics and Nuclear Signaling; Transcription; Domain Families; HLH / Leucine Zipper; Leucine Zipper

## 图片 (Image Data)



Immunofluorescence analysis of HepG2 cells, using TSC22D1 Antibody. The picture on the right is blocked with the synthesized peptide.

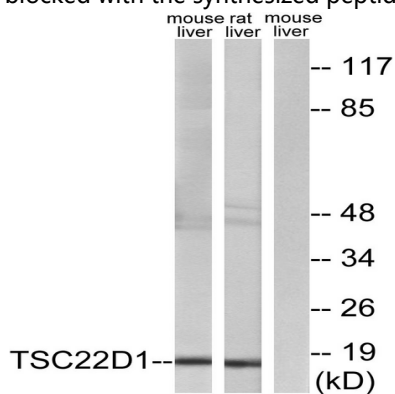


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using TSC22D1 Antibody. The picture on the right

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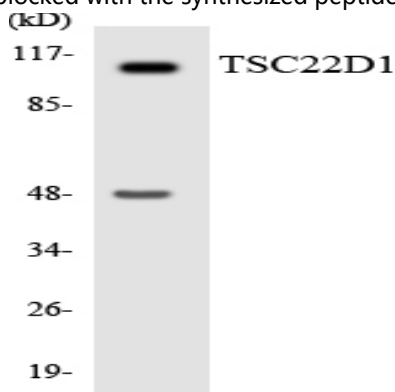


is blocked with the synthesized peptide.



Western blot analysis of lysates from mouse liver and rat liver cells, using TSC22D1 Antibody. The lane on the right is

blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using TSC22D1 antibody.

## 注意事项 (Note)

For research use only .