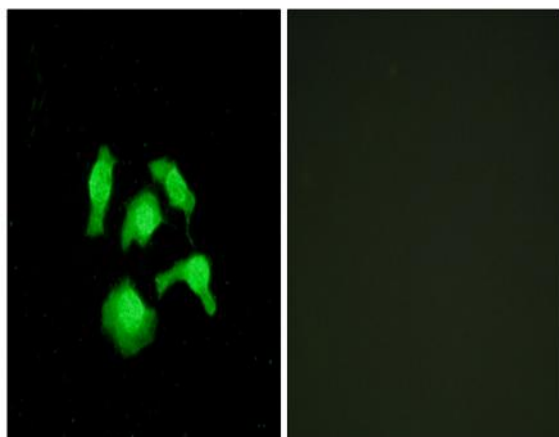


TSC-22 Polyclonal Antibody

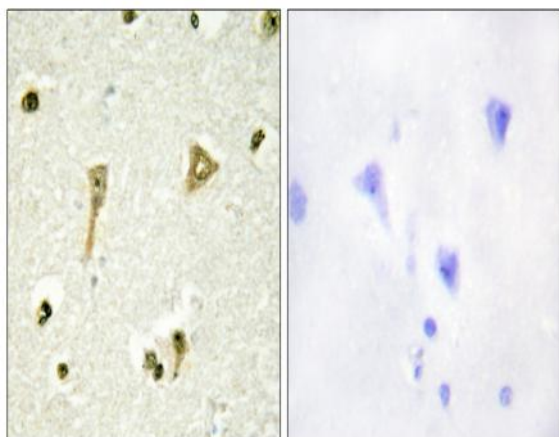
| | |
|------------------------------|---|
| Catalog No : | YT4758 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC;IF;ELISA |
| Target : | TSC-22 |
| Gene Name : | TSC22D1 |
| Protein Name : | TSC22 domain family protein 1 |
| Human Gene Id : | 8848 |
| Human Swiss Prot No : | Q15714 |
| Mouse Gene Id : | 21807 |
| Mouse Swiss Prot No : | P62500 |
| Rat Gene Id : | 498545 |
| Rat Swiss Prot No : | P62501 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human TSC22D1. AA range:71-120 |
| Specificity : | TSC-22 Polyclonal Antibody detects endogenous levels of TSC-22 protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications. |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

| | |
|-------------------------------|--|
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 16kD |
| 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 : | 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., |
| Subcellular Location : | Cytoplasm . Nucleus . |
| Expression : | Widely expressed in fetal and adult tissues. |
| Sort : | 23641 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Unmodified |

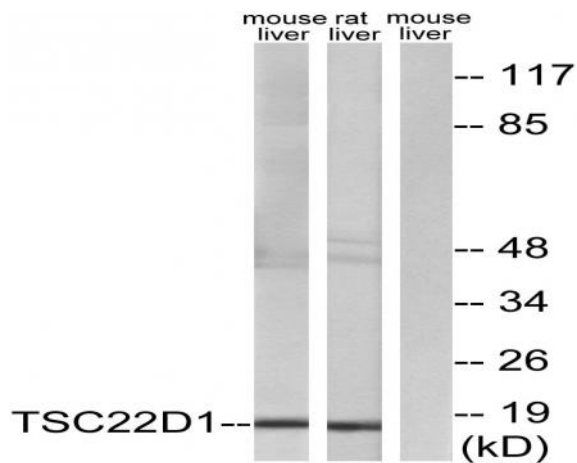
Products Images



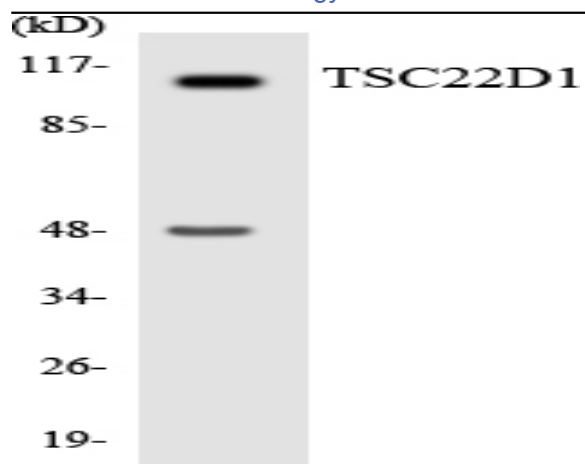
Immunofluorescence analysis of HepG2 cells, using TSC22D1 Antibody. The picture on the right is blocked with the synthesized peptide.



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