



TSC-22 Monoclonal Antibody

Catalog No	YP-mAb-02140
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TSC22D1
Immunogen	The antiserum was produced against synthesized peptide derived from human TSC22D1. AA range:71-120
Specificity	TSC-22 Monoclonal Antibody detects endogenous levels of TSC-22 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RP11 269C23.2;Regulatory protein TSC-22;Regulatory protein TSC 22; KIAA1994;HUCEP-2;TSC-22;TSC22D1;TSC22 domain family protein 1; TGFB1I4;TSC22;Cerebral protein 2;TGFB-stimulated clone 22 homolog; Transforming growth factor beta-1-induced transcript 4 protein
Observed Band	16kD
Calculated Molecular Weight	16kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Widely expressed in fetal and adult tissues.
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.,
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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

