

Tsc22d4 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10170

Product Information

Application	WB
Primary Accession	Q3B8N7
Other Accession	NM_001044284 , NP_001037749
Reactivity	Human, Mouse, Rat, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40041

Additional Information

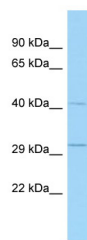
Gene ID	684980
Alias Symbol	MGC125073
Other Names	TSC22 domain family protein 4, TSC22-related-inducible leucine zipper protein 2, Thg-1pit, Tsc22d4, Tilz2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Tsc22d4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Tsc22d4 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Tsc22d4 {ECO:0000312 RGD:1584380}
Function	Binds DNA and acts as a transcriptional repressor (By similarity). Involved in the regulation of systematic glucose homeostasis and insulin sensitivity, via transcriptional repression of downstream insulin signaling targets such as OBP2A/LCN13 (By similarity). Acts as a negative regulator of lipogenic gene expression in hepatocytes and thereby mediates the control of very low-density lipoprotein release (By similarity). May play a role in neurite elongation and survival (By similarity).
Cellular Location	Nucleus {ECO:0000250 UniProtKB:Q9EQN3}. Cytoplasm {ECO:0000250 UniProtKB:Q9EQN3}. Cell projection, dendrite

{ECO:0000250|UniProtKB:Q9EQN3}. Synapse
{ECO:0000250|UniProtKB:Q9EQN3} Note=Localizes away from the nucleus to neurite processes and synaptic termini as cerebellar granular neurons differentiate (By similarity) Accumulates in the cytoplasm of differentiated Purkinje cells (By similarity). Localized to both the cytoplasm and nucleus in immature cerebellar granular neurons and atrophic Purkinje cells (By similarity). {ECO:0000250|UniProtKB:Q9EQN3}

Images



WB Suggested Anti-Tsc22d4 Antibody
Titration: 1. $\mu\text{g/ml}$
Positive Control: Rat Thymus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.