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Tsc22d4 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11186

Product Information

Application	WB, IHC
Primary Accession	Q9EQN3
Other Accession	NM_023910, NP_076399
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39979

Additional Information

Gene ID	78829
Alias Symbol	0610009M14Rik, 1700023B23Rik, Thg-1pit, Tilz2, AI415410
Other Names	TSC22 domain family protein 4, TSC22-related-inducible leucine zipper protein 2, Thg-1pit, Tsc22d4, Thg1pit, Tilz2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 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

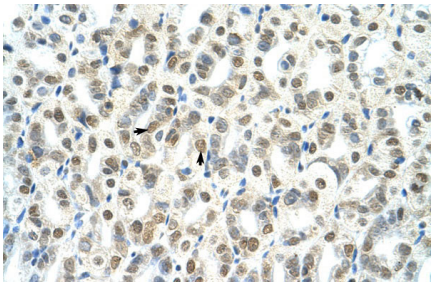
Name	Tsc22d4 {ECO:0000250|UniProtKB:Q9Y3Q8}
Function	Binds DNA and acts as a transcriptional repressor (PubMed: 27827363). Involved in the regulation of systematic glucose homeostasis and insulin sensitivity, via transcriptional repression of downstream insulin signaling targets such as OBP2A/LCN13 (PubMed:27827363). Acts as a negative regulator of lipogenic gene expression in hepatocytes and thereby mediates the control of very low- density lipoprotein release (PubMed:23307490). May play a role in neurite elongation and survival (PubMed:20878296).
Cellular Location	Nucleus. Cytoplasm. Cell projection, dendrite. Synapse Note=Localizes away from the nucleus to neurite processes and synaptic termini as cerebellar

	granular neurons differentiate (PubMed:20878296) Accumulates in the cytoplasm of differentiated Purkinje cells (PubMed:20878296). Localized to both the cytoplasm and nucleus in immature cerebellar granular neurons and atrophic Purkinje cells (PubMed:20878296).
Tissue Location	Expressed in the liver (at protein level) (PubMed:23307490, PubMed:27827363). Expressed in Purkinje cells and proliferating cerebellar granular neurons (at protein level) (PubMed:20878296). Expressed in the cortex, medulla and papilla of the kidney.

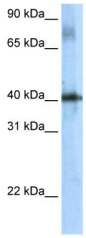
References

Canterini,S., (2005) Dev. Dyn. 234 (3), 689-697 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.Publications:Canterini, S., Carletti, V., Nusca, S., Mangia, F. & Fiorenza, M. T. Multiple TSC22D4 iso-/phospho-glycoforms display idiosyncratic subcellular localizations and interacting protein partners. FEBS J. 280, 1320-9 (2013). WB, IP, Rat, Mouse, Pig, Guinea pig, Human, H, Rabbit, Bovine, Dog23305244

Images



Mouse stomach



WB Suggested Anti-Tsc22d4 Antibody Titration: 5.0µg/ml
Positive Control: SP2/0 cell lysate

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