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Tead4 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10516

Product Information

Application	WB
Primary Accession	Q62296
Other Accession	NM_011567, NP_035697
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine
Predicted	Human, Mouse, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48028

Additional Information

Gene ID	21679
Alias Symbol	ETFR-2, Etfr2, FR-19, TEAD-4, TEF-3, Tcf13r1, Tef3, Tefr, Tefr1, Tefr1a
Other Names	Transcriptional enhancer factor TEF-3, ETF-related factor 2, ETFR-2, TEA domain family member 4, TEAD-4, TEF-1-related factor 1, TEF-1-related factor FR-19, RTEF-1, Tead4, Tcf13r1, Tef3, Tefr1
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-Tead4 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	Tead4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

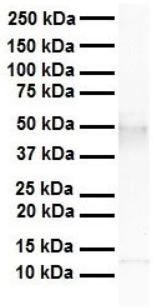
Name	Tead4
Synonyms	Tcf13r1, Tef3, Tefr1
Function	Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Acts by mediating gene expression of YAP1 and

WWTR1/TAZ, thereby regulating cell proliferation, migration and epithelial mesenchymal transition (EMT) induction. Binds specifically and non-cooperatively to the Sph and GT-IIC 'enhansons' (5'-GTGGAATGT-3') and activates transcription. Binds to the M-CAT motif (By similarity). Might play a role in the embryonic development of skeletal muscle.

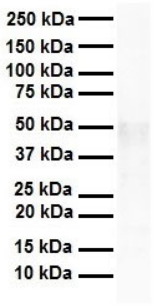
Cellular Location Nucleus.

Tissue Location Preferentially expressed in lung and in skeletal muscle

Images



WB Suggested Anti-Tead4 antibody Titration: 1 ug/mL
Sample Type: Human heart



WB Suggested Anti-Tead4 antibody Titration: 1 ug/mL
Sample Type: Human liver