

Tead4 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10516**Specification****Tead4 antibody - middle region - Product Information**

Application	WB
Primary Accession	Q62296
Other Accession	NM_011567 , NP_035697
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Pig, Chicken, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

Tead4 antibody - middle region - 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.

Tead4 antibody - middle region - 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 'enhancers' (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

Tead4 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)