10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TEAD4 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10515

Product Information

Application	WB, IF
Primary Accession	Q15561
Other Accession	NM_201441, NP_958849
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Predicted	Human, Mouse, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48329

Additional Information

Gene ID	7004
Alias Symbol	EFTR-2, MGC9014, RTEF1, TCF13L1, TEF-3, TEFR-1, hRTEF-1B, TEF3
Other Names	Transcriptional enhancer factor TEF-3, TEA domain family member 4, TEAD-4, Transcription factor 13-like 1, Transcription factor RTEF-1, TEAD4, RTEF1, TCF13L1, TEF3
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

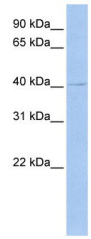
Name	TEAD4
Synonyms	RTEF1, TCF13L1, TEF3
Function	Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein 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.
Cellular Location	Nucleus.
Tissue Location	Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart

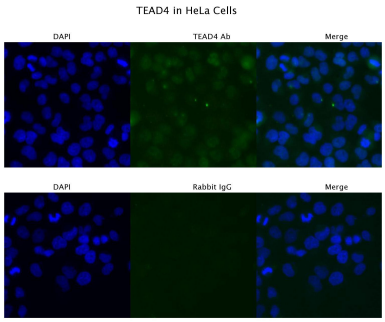
References

Appukuttan,B., (2007) Invest. Ophthalmol. Vis. Sci. 48 (8), 3775-3782 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:Chan, S. W. et al. TEADs mediate nuclear retention of TAZ to promote oncogenic transformation. J. Biol. Chem. 284, 14347-58 (2009). WB, Pig, Human, Bovine, Dog, Horse, Rabbit, Guinea pig, Mouse, Rat19324876

Images



WB Suggested Anti-TEAD4 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:125
Positive Control: Transfected 293T



Sample Type :
HeLa
Primary Antibody Dilution:
4 ug/ml
Secondary Antibody :
Anti-rabbit Alexa 546
Secondary Antibody Dilution:
2 ug/ml
Gene Name :
TEAD4

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