

Rabbit anti-Human, mouse TEAD2 Polyclonal Antibody | anti-TEAD2 antibody

TEAD2 Antibody (Center)

CATALOG # AAA290087	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

TEAD2; Polyclonal Antibody; TEAD2 Antibody (Center); Transcriptional enhancer factor TEF-4; TEA domain family member 2; TEAD-2; TEF4; anti-TEAD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TEAD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 267-295 amino acids from the Central region of human TEAD2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	267-295
Sequence Length	451
Applicable Applications for anti-TEAD2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

TEAD2 Antibody (Center) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the TEAD2 antibody detected the TEAD2 protein (arrow).



WB (Western Blot)

TEAD2 Antibody (Center) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the TEAD2 antibody detected the TEAD2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TEAD2 antibody	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 to the SPH and GT-IIC 'enhancers' (5'-GTGGAATGT-3'). May be involved in the gene regulation of neural development. Binds to the M-CAT motif.
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Tian, W., et al. Proc. Natl. Acad. Sci. U.S.A. 107(16):7293-7298(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Zhang, H., et al. J. Biol. Chem. 284(20):13355-13362(2009) Zhao, B., et al. Genes Dev. 22(14):1962-1971(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	375331915
NCBI GeneID	8463
NCBI Accession #	NP_001243587.1; NP_001243588.1; NP_001243589.1; NP_001243590.1; NP_001243591.1; NP_003589.1
NCBI GenBank Nucleotide #	NM_001256658.1
UniProt Accession #	Q15562; Q8NA25; Q96IG3; B4DTJ6; M0R1T9
Molecular Weight	49243
NCBI Official Full Name	transcriptional enhancer factor TEF-4 isoform 1
NCBI Official Synonym Full Names	TEA domain family member 2
NCBI Official Symbol	TEAD2
NCBI Official Synonym Symbols	ETF; TEF4; TEF-4; TEAD-2
NCBI Protein Information	transcriptional enhancer factor TEF-4
UniProt Protein Name	Transcriptional enhancer factor TEF-4
UniProt Gene Name	TEAD2
UniProt Synonym Gene Names	TEF4; TEAD-2
UniProt Entry Name	TEAD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tead2-antibody-western-blot-elisa/290087>