

TEAD2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14282c**Specification**

TEAD2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q15562](#)

TEAD2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 8463

Other Names

Transcriptional enhancer factor TEF-4, TEA domain family member 2, TEAD-2, TEAD2, TEF4

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TEAD2 Antibody (Center) Blocking Peptide - Protein Information

Name TEAD2

Synonyms TEF4

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 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.

Cellular Location

Nucleus.

TEAD2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TEAD2 Antibody (Center) Blocking Peptide - Images

TEAD2 Antibody (Center) Blocking Peptide - Background

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TEAD2 Antibody (Center) Blocking Peptide - 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)