

TEAD3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14305a**Specification**

TEAD3 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q99594](#)**TEAD3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 7005**Other Names**

Transcriptional enhancer factor TEF-5, DTEF-1, TEA domain family member 3, TEAD-3, TEAD3, TEAD5, TEF5

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.

TEAD3 Antibody (N-term) Blocking Peptide - Protein Information**Name** TEAD3**Synonyms** TEAD5, TEF5**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 multiple functional elements of the human chorionic somatomammotropin-B gene enhancer.

Cellular Location

Nucleus.

Tissue Location

Preferentially expressed in the placenta.

TEAD3 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TEAD3 Antibody (N-term) Blocking Peptide - Images

TEAD3 Antibody (N-term) Blocking Peptide - Background

This gene product is a member of the transcriptional enhancer factor (TEF) family of transcription factors, which contain the TEA/ATTS DNA-binding domain. It is predominantly expressed in the placenta and is involved in the transactivation of the chorionic somatomammotropin-B gene enhancer. Translation of this protein is initiated at a non-AUG (AUA) start codon. [provided by RefSeq].

TEAD3 Antibody (N-term) Blocking Peptide - References

Zhang, H., et al. J. Biol. Chem. 284(20):13355-13362(2009) Zhao, B., et al. Genes Dev. 22(14):1962-1971(2008) Peng, L., et al. Mol. Endocrinol. 18(8):2049-2060(2004) Mungall, A.J., et al. Nature 425(6960):805-811(2003) Maeda, T., et al. J. Biol. Chem. 277(27):24346-24352(2002)