

TEAD3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14305a**Specification**

TEAD3 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O99594
Other Accession	P70210 , NP_003205.2
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48676
Antigen Region	82-110

TEAD3 Antibody (N-term) - Additional Information**Gene ID** 7005**Other Names**

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

Target/Specificity

This TEAD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-110 amino acids from the N-terminal region of human TEAD3.

Dilution

WB~~1:1000

IHC-P~~1:10~50

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TEAD3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TEAD3 Antibody (N-term) - 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.

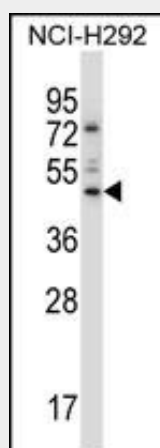
Tissue Location

Preferentially expressed in the placenta.

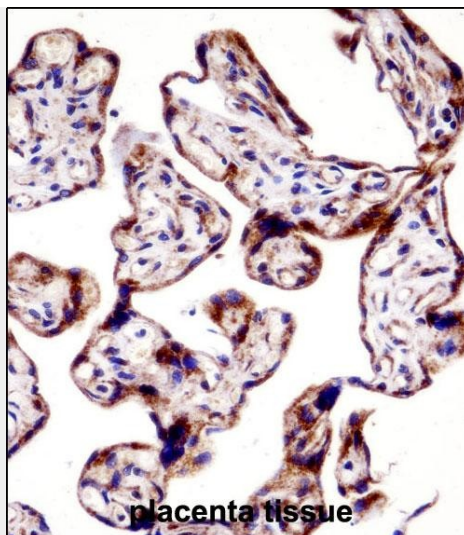
TEAD3 Antibody (N-term) - Protocols

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](#)

TEAD3 Antibody (N-term) - Images

TEAD3 Antibody (N-term) (Cat. #AP14305a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the TEAD3 antibody detected the TEAD3 protein (arrow).



TEAD3 Antibody (N-term) (AP14305a) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TEAD3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

TEAD3 Antibody (N-term) - 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) - 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)