

Rabbit TEAD2 Polyclonal Antibody | anti-TEAD2 antibody

Anti-TEAD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA292987	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Western Blot

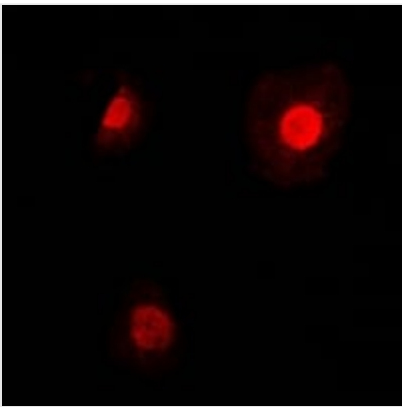
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

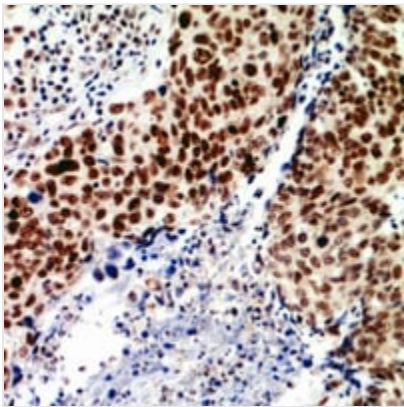
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of TEAD2 protein.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Applicable Applications for anti-TEAD2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
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'enhansons' (5'-GTGGAATGT-3'). May be involved in the gene regulation of neural development. Binds to the M-CAT motif.
Cellular Location	Nucleus.
Preparation and Storage	Store at -20 °C.Stable for 12 months from date of receipt

IMAGES



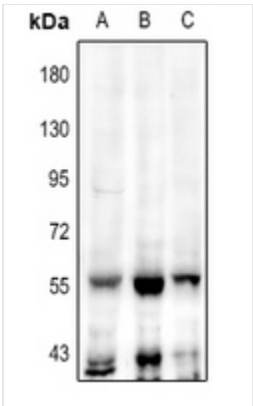
IF (Immunofluorescence)

Immunofluorescent analysis of TEAD2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohiostchemistry)

Immunohistochemical analysis of TEAD2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of TEAD2 expression in CT26 (A), A549 (B), HCT116 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TEAD2 antibody	Rabbit polyclonal antibody to TEAD2 KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TEAD2. The exact sequence is proprietary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	375331915
NCBI GeneID	8463
NCBI Accession #	NP_001243587.1
NCBI GenBank Nucleotide #	NM_001256658.1
UniProt Accession #	Q15562; Q8NA25; Q96IG3; B4DTJ6
Molecular Weight	49,243
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-immunohistochemistry-immunofluorescence-western-blot-elisa/292987>