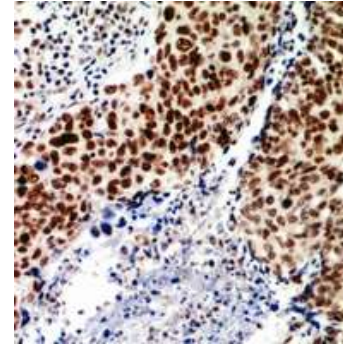


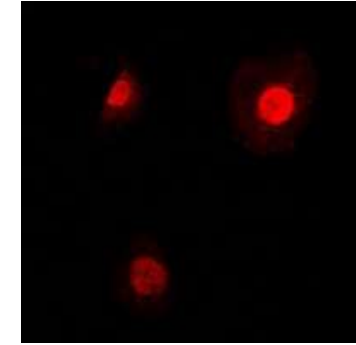
## Anti-TEAD2 Antibody

<b>CATALOG NO:</b>	A1167-100
<b>ALTERNATIVE NAMES:</b>	TEF4, Transcriptional enhancer factor TEF-4, TEA domain family member 2, TEAD-2
<b>AMOUNT:</b>	100 µl
<b>IMMUNOGEN:</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TEAD2
<b>HOST/ISOTYPE:</b>	Rabbit IgG
<b>CLONALITY:</b>	Polyclonal
<b>SPECIFICITY:</b>	Recognizes endogenous levels of TEAD2 protein
<b>SPECIES REACTIVITY:</b>	Human and Mouse
<b>PURIFICATION:</b>	The antibody was purified by affinity chromatography
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
<b>STORAGE CONDITIONS:</b>	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>DESCRIPTION:</b>	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.
<b>APPLICATION:</b>	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200, IF/IC; 1:50 – 1:100, ChIP 1:100 – 1:500

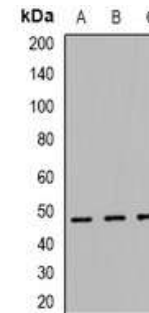
**Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.**



Immunohistochemical analysis of TEAD2 staining in human breast cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of TEAD2 staining in HepG2 cells



Western blot analysis of TEAD2 expression in HEK293 (A); RAW264.7 (B); H9C2 (C) whole cell lysates

### RELATED PRODUCTS:

- Sox-2 Antibody (Cat. No. 3889-100)
- Sox-2 Antibody (Clone # 57CT23.3.4) (Cat. No. 6772-100)
- Oct-4 Antibody (Cat. No. 3576-30T, -100)
- Anti-Ki67 Rabbit Monoclonal Antibody (Cat. No. A1135-100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**