

Product datasheet

Anti-TEAD4 antibody ab97460

4 References [画像数 3](#)

製品の概要

製品名	Anti-TEAD4 antibody
製品の詳細	Rabbit polyclonal to TEAD4
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ICC/IF
種交差性	交差種: Cow, Human 交差が予測される動物種: Mouse, Pig 
免疫原	Recombinant protein fragment corresponding to a region within amino acids 1 - 230 of Human TEAD4 (NP_003204).
ポジティブ・コントロール	WB: 293T, A431, H1299, HeLa, HepG2, MOLT4 and Raji cell lysates IHC-P: SW480 xenograft IF: HepG2 cell line

法規制情報

医薬用外毒物

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab97460** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 48 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		Use a concentration of 5 µg/ml.

ターゲット情報

機能

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 specifically and non-cooperatively to the Sph and GT-IIC 'enhancers' (5'-GTGGAATGT-3') and activates transcription. Binds to the M-CAT motif.

組織特異性

Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart.

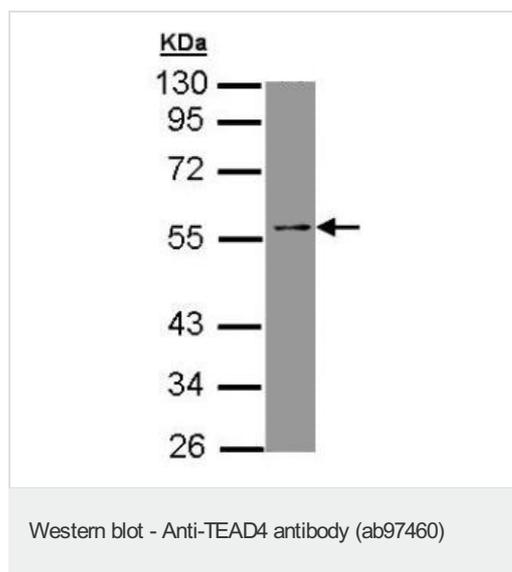
配列類似性

Contains 1 TEA DNA-binding domain.

細胞内局在

Nucleus.

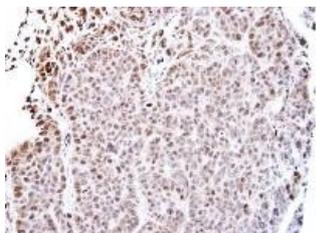
画像



Anti-TEAD4 antibody (ab97460) at 1/1000 dilution + HepG2 cell lysate at 30 µg

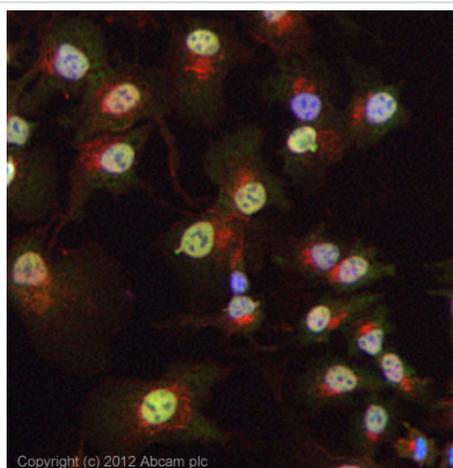
Predicted band size: 48 kDa

10% SDS PAGE



ab97460, at 1/500 dilution, staining TEAD4 in a paraffin-embedded SW480 xenograft by Immunohistochemical analysis

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TEAD4 antibody (ab97460)



ICC/IF image of ab97460 stained HepG2 cells. The cells were 4% paraformaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab97460, 5µg/ml) overnight at +4°C. The secondary antibody (green) was [ab96899](#), DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

Immunocytochemistry/ Immunofluorescence - Anti-TEAD4 antibody (ab97460)

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