

ARG64894
anti-TEAD2 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TEAD2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	WB
Specificity	This antibody is not expected to cross-react with other TEAD proteins.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TEAD2
Species	Human
Immunogen	C-EPPDAVDSYQRH
Conjugation	Un-conjugated
Alternate Names	TEA domain family member 2; TEAD-2; TEF-4; ETF; TEF4; Transcriptional enhancer factor TEF-4

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

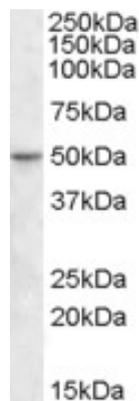
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

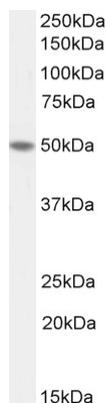
Database links	GeneID: 8463 Human Swiss-port # Q15562 Human
Gene Symbol	TEAD2
Gene Full Name	TEA domain family member 2
Function	Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and 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. [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	49 kDa

Images



ARG64894 anti-TEAD2 antibody WB image

Western blot: 35 µg of Human Ileum lysate (in RIPA buffer) stained with ARG64894 anti-TEAD2 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.



ARG64894 anti-TEAD2 antibody WB image

Western blot: 35 µg of Human colon lysate (in RIPA buffer) stained with ARG64894 anti-TEAD2 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.