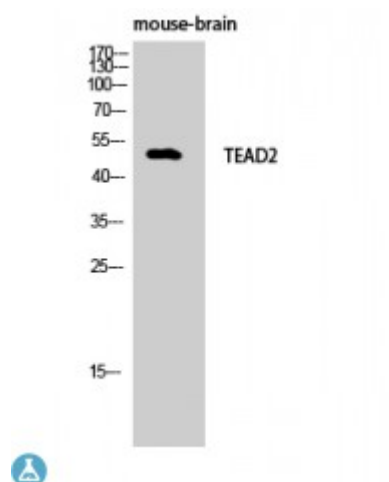


Anti-TEF-4 antibody



Description	Rabbit polyclonal to TEF-4.
Model	STJ95962
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human TEF-4
Immunogen Region	40-120 aa, Internal
Gene ID	8463
Gene Symbol	TEAD2
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	TEF-4 Polyclonal Antibody detects endogenous levels of TEF-4 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transcriptional enhancer factor TEF-4 TEA domain family member 2 TEAD-2
Molecular Weight	49.243 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11715OMIM:601729
Alternative Names	Transcriptional enhancer factor TEF-4 TEA domain family member 2 TEAD-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 'enhancers' (5'-GTGGAATGT-3'). May be involved in the gene regulation of neural development. Binds to the M-CAT motif.
Cellular Localization	Nucleus.

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