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Pan-TEF Recombinant Rabbit mAb

Catalog # AP100306

Product Information

Application	WB, IHC-P, IHC-F, IF, IP, E
Primary Accession	Q15562
Other Accession	Q15562
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	49243
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Background Descriptions	function:Putative transcription factor that 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.,similarity:Contains 1 TEA DNA-binding domain.,

Additional Information

Gene ID	8463
Other Names	Transcriptional enhancer factor TEF-1/3/4/5;TEAD2;TEF4;Transcriptional enhancer factor TEF-4;TEA domain family member 2;TEAD-2;TEAD1;TCF13;TEF1;Transcriptional enhancer factor TEF-1;NTEF-1;Protein GT-IIC;TEA domain family member 1;TEAD-1;Transcription factor 13;TCF-13;TEAD3;TEAD5;TEF5;Transcriptional enhancer factor TEF-5;DTEF-1;TEA domain family member 3;TEAD-3;TEA domain family member 4;TEAD-4;Transcription factor 13-like 1;Transcription factor RTEF-1
Dilution	IHC-P=1:50-200,IHC-F=1:50-200,WB=1:500-2000,IF=1:50-200,ELISA=1:5000-10000,IP=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TEAD2
Synonyms	TEF4

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.