

Rabbit TEAD4 Polyclonal Antibody | anti-TEAD4 antibody

TEAD4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328915	Rabbit	Human, Mouse, Rat Predicted Reactivity: Horse(100%), Sheep(100%), Rabbit(100%), Chicken(88%)	ELISA

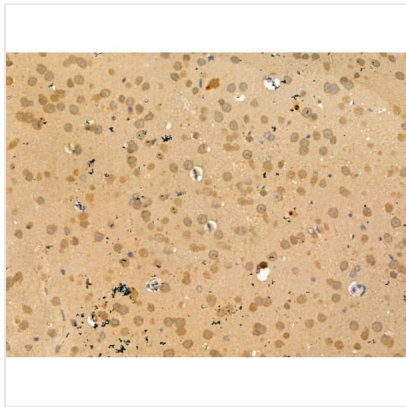
PRODUCT SYNONYMS

TEAD4; Polyclonal Antibody; TEAD4 Antibody; EFTR 2; EFTR2; hRTEF 1B; hRTEF1B; MGC9014; OTTHUMP00000238119; OTTHUMP00000238122; OTTHUMP00000238124; Related to TEF 1; Related to TEF1; Related transcription enhancer factor 1B; RTEF1; TCF13L1; TEA domain family member 4; TEAD 4; TEAD-4; TEAD4_HUMAN; TEF 3; TEF3; TEFR 1; TEFR1; Transcription factor 13 (SV40 transcriptional enhancer factor) like 1; Transcription factor 13 like 1; Transcription factor 13-like 1; Transcription factor RTEF 1; Transcription factor RTEF-1; Transcription factor RTEF1; Transcriptional enhancer factor 1 related; Transcriptional enhancer factor 3; Transcriptional enhancer factor TEF 3; Transcriptional enhancer factor TEF-3; Transcriptional enhancer factor TEF3; anti-TEAD4 antibody

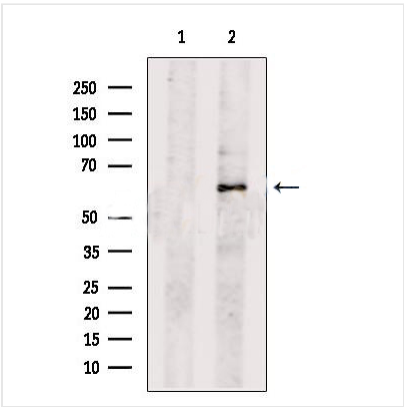
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Horse(100%), Sheep(100%), Rabbit(100%), Chicken(88%)
Clonality	Polyclonal
Isotype	IgG
Specificity	TEAD4 Antibody detects endogenous levels of total TEAD4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	434
Applicable Applications for anti-TEAD4 antibody	ELISA
Immunogen	A synthesized peptide derived from human TEAD4, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328915 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Hela cells, using TEAD4 Antibody. The lane on the left was treated with blocking peptide. Observed bands: 60 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TEAD4 antibody	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 specifically and non-cooperatively to the Sph and GT-IIC 'enhansons' (5'-GTGGAATGT-3') and activates transcription. Binds to the M-CAT motif.
	Subcellular Location: Nucleus.
	Tissue Specificity: Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart.
	Subunit Structure: Interacts with YAP1 and WWTR1/TAZ.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274211
NCBI GeneID	7004
UniProt Accession #	Q15561
Molecular Weight	Observed Molecular Weight: (Observed)48kD, 60kD. Predicted Molecular Weight: (Calculated)48kDa.
NCBI Official Full Name	Transcriptional enhancer factor TEF-3
NCBI Official Synonym Full Names	TEA domain transcription factor 4
NCBI Official Symbol	TEAD4
NCBI Official Synonym Symbols	TEF3; RTEF1; TEF-3; EFTR-2; TEFR-1; TCF13L1; hRTEF-1B
NCBI Protein Information	transcriptional enhancer factor TEF-3
UniProt Protein Name	Transcriptional enhancer factor TEF-3
UniProt Gene Name	TEAD4
UniProt Synonym Gene Names	RTEF1; TCF13L1; TEF3; TEAD-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tead4-antibody-elisa/328915>