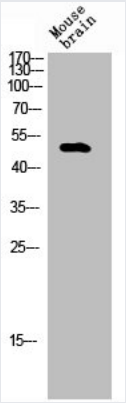
TEAD2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TEAD2, Polyclonal Antibody
Full Product Name	TEAD2 Antibody
Product Gene Name	anti-TEAD2 antibody
Product Synonym Names	TEAD2; TEF4; Transcriptional enhancer factor TEF-4; TEA domain family member 2; TEAD-2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	49,243 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (49843852..49865714, complement). Location: 19q13.3
OMIM	601729
3D Structure	ModBase 3D Structure for Q15562
Immunogen	Synthesized peptide derived from the Internal region of human TEF-4.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-TEAD2 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TEAD2 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-TEAD2 antibody	IHC: 1:100-1:300 IF: 1:200-1:1000 ELISA: 1:20000
Related Product Information for anti-TEAD2 antibody	MBS7118684 is an antibody targeting TEAD2. Also known as TEAD2 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-TEAD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-TEAD2 antibody
Western Blot analysis of mouse-brain cells using TEF-4 Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TEAD2. It may not necessarily be applicable to this product.

NCBI GI #	375331915
NCBI GeneID	8463
NCBI Accession #	NP_001243587.1
UniProt Primary Accession #	Q15562
UniProt Secondary Accession #	Q8NA25; Q96IG3; B4DTJ6
UniProt Related Accession #	Q15562
GenBank Nucleotide #	NM_001256658.1
NCBI Official Full Name	transcriptional enhancer factor TEF-4 isoform 1
NCBI Official Synonym Full Names	TEA domain family member 2
NCBI Official Symbol	TEAD2
NCBI Official Synonym Symbols	ETF; TEF4; TEF-4; TEAD-2
UniProt Protein Name	Transcriptional enhancer factor TEF-4
UniProt Synonym Protein Names	TEA domain family member 2
Protein Family	Transcriptional enhancer factor
UniProt Gene Name	TEAD2
UniProt Synonym Gene Names	TEF4; TEAD-2
UniProt Entry Name	TEAD2_HUMAN
NCBI Protein Information	transcriptional enhancer factor TEF-4

UniProt Comments for TEAD2	TEAD2: 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. Interacts with YAP1 and WWTR1/TAZ. Protein type: DNA-binding; Transcription factor Chromosomal Location of Human Ortholog: 19q13.3 Cellular Component: nucleoplasm; transcription factor complex; nucleus Molecular Function: RNA polymerase II transcription factor activity, enhancer binding; protein binding; DNA binding; transcription factor activity Biological Process: paraxial mesoderm development; transcription initiation from RNA polymerase II promoter; regulation of transcription, DNA-dependent; neural tube closure; lateral mesoderm development; gene expression; positive regulation of transcription from RNA polymerase II promoter; vasculogenesis; notochord development
Research Articles on TEAD2	**1.** Observational study of gene-disease association, gene-environment interaction, and pharmacogenomic / toxicogenomic. (HuGE Navigator)
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