

Rabbit ETF/TEAD2 Polyclonal Antibody | anti-TEAD2 antibody

Anti-ETF/TEAD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19325	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

ETF/TEAD2; Polyclonal Antibody; Anti-ETF/TEAD2 Antibody; TEAD2; TEF4; Transcriptional enhancer factor TEF-4; TEA domain family member 2; TEAD-2; TEA domain transcription factor 2; anti-TEAD2 antibody

PRODUCT SPECIFICATIONS

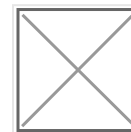
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rabbit IgG polyclonal antibody for ETF/TEAD2 detection.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.01mg NaN ₃ .
Applicable Applications for anti-TEAD2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA (Direct ELISA)
Application Notes	WB: 0.25-0.5ug/ml Human IHC-P: 2-5ug/ml Human, Mouse, Rat FC/FACS/FCM: 1-3ug/1x10 ⁶ cells Human Direct ELISA: 0.1-0.5ug/ml Human
Immunogen	E Coli-derived human ETF/TEAD2 recombinant protein (Position: K125-M398).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Recommended Detection Systems	Recommended Detection Systems
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



FCM (Flow Cytometry)

Figure 7. Flow Cytometry analysis of HeLa cells using anti-ETF/TEAD2 antibody (AAA19325). Overlay histogram showing HeLa cells stained with AAA19325 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-ETF/TEAD2 Antibody (AAA19325, 1µg/1x10⁶ cells) for 30 min at 20 degree C. DyLight®488 conjugated goat anti-rabbit IgG (5-10µg/1x10⁶ cells) was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1µg/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IHC (Immunohistochemistry)

Figure 6. IHC analysis of ETF/TEAD2 using anti-ETF/TEAD2 antibody (AAA19325). ETF/TEAD2 was detected in paraffin-embedded section of rat intestine tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2µg/ml rabbit anti-ETF/TEAD2 Antibody (AAA19325) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) (Catalog # with DAB as the chromogen).



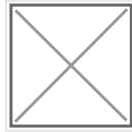
IHC (Immunohistochemistry)

Figure 5. IHC analysis of ETF/TEAD2 using anti- ETF/TEAD2 antibody (AAA19325).ETF/TEAD2 was detected in paraffin-embedded section of rat intestine tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8. 0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2μg/ml rabbit anti- ETF/TEAD2 Antibody (AAA19325) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) (Catalog # with DAB as the chromogen).



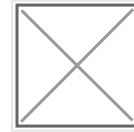
IHC (Immunohistochemistry)

Figure 4. IHC analysis of ETF/TEAD2 using anti- ETF/TEAD2 antibody (AAA19325).ETF/TEAD2 was detected in paraffin-embedded section of mouse intestine (lymph node) tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8. 0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2μg/ml rabbit anti- ETF/TEAD2 Antibody (AAA19325) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) (Catalog # with DAB as the chromogen).



IHC (Immunohistochemistry)

Figure 3. IHC analysis of ETF/TEAD2 using anti- ETF/TEAD2 antibody (AAA19325).ETF/TEAD2 was detected in paraffin-embedded section of human mammary cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8. 0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2μg/ml rabbit anti- ETF/TEAD2 Antibody (AAA19325) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) (Catalog # with DAB as the chromogen).



IHC (Immunohistochemistry)

Figure 2. IHC analysis of ETF/TEAD2 using anti- ETF/TEAD2 antibody (AAA19325).ETF/TEAD2 was detected in paraffin-embedded section of human mammary cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8. 0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2μg/ml rabbit anti- ETF/TEAD2 Antibody (AAA19325) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) (Catalog # with DAB as the chromogen).

ADDITIONAL INFORMATION

Related Product Information for anti-TEAD2 antibody	TEAD2 (ETF, ETEF-1, TEF-4), together with TEAD1, defines a novel family of transcription factors, the TEAD family, highly conserved through evolution. TEAD proteins were notably found in Drosophila (Scalloped), C. elegans (egl -44), S. cerevisiae and A. nidulans. TEAD2 has been less studied than TEAD1 but a few studies revealed its role during development. TEAD2 is a member of the mammalian TEAD transcription factor family (initially named the transcriptional enhancer factor (TEF) family), which contain the TEA/ATTS DNA-binding domain. [7] Members of the family in mammals are TEAD1, TEAD2, TEAD3, TEAD4.
References	1. Jacquemin, P., Depetris, D., Mattei, M. -G., Martial, J. A., Davidson, I. Localization of human transcription factor TEF-4 and TEF-5 (TEAD2, TEAD3) genes to chromosomes 19q13. 3 and 6p21. 2 using fluorescence in situ hybridization and radiation hybrid analysis. Genomics 55: 127-129, 1999. 2. Jacquemin, P., Hwang, J. -J., Martial, J. A., Dolle, P., Davidson, I. A novel family of developmentally regulated mammalian transcription factors containing the TEA/ATTS DNA binding domain. J. Biol. Chem. 271: 21775-21785, 1996.

NCBI AND UNIPROT INFORMATION

NCBI GI #	375331915
NCBI GeneID	8463
NCBI Accession #	NP_001243587.1
NCBI GenBank Nucleotide #	NM_001256658.1
UniProt Accession #	Q15562 ; Q8NA25 ; Q96IG3 ; B4DTJ6
Molecular Weight	49,243 Da
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

NCBI Protein Information	transcriptional enhancer factor TEF-4
UniProt Protein Name	Transcriptional enhancer factor TEF-4
UniProt Gene Name	TEAD2
UniProt Synonym Gene Names	TEF4; TEAD-2
UniProt Entry Name	TEAD2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/etf-tead2-antibody-western-blot-immunohistochemistry-flow-cytometry-direct-elisa-elisa/19325>