

Rabbit TEF Polyclonal Antibody | anti-TEF antibody

TEF antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198279	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rat, Sheep	Western Blot, Immunohistochemistry

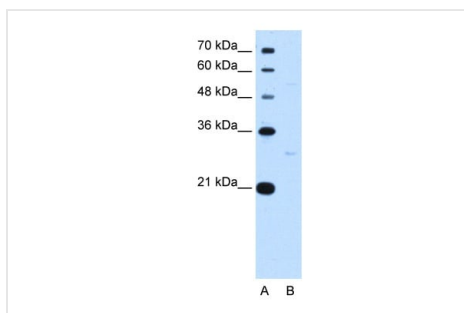
PRODUCT SYNONYMS

TEF; Polyclonal Antibody; TEF antibody - N-terminal region; anti-TEF antibody

PRODUCT SPECIFICATIONS

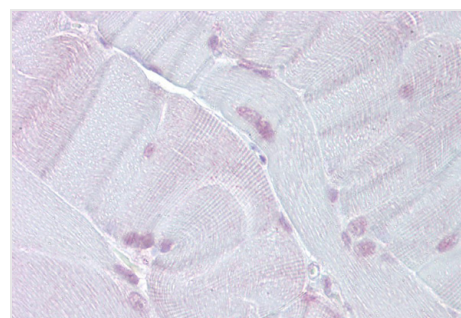
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PV DPQAGPGGP GRAAGERGLS GSFPLVLKLL MENPPREARL DKEKGKEK
Sequence Length	303
Applicable Applications for anti-TEF antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Goat: 91%; Guinea Pig: 83%; Horse: 100%; Human: 100%; Mouse: 93%; Rat: 93%; Sheep: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TEF
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TEF Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Immunohistochemistry with Skeletal muscle tissue at an antibody concentration of 5ug/ml using anti-TEF antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TEF antibody	This is a rabbit polyclonal antibody against TEF. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TEF (thyrotroph embryonic factor) is a member of the PAR bZip (proline and acidic amino acid-rich basic leucine zipper) transcription factor family. It accumulates with robust circadian rhythms in tissues with high amplitudes of clock gene expression. Thyrotroph embryonic factor (TEF), a transcription factor, is a member of the PAR (proline and acidic amino acid-rich) subfamily of basic region/leucine zipper (bZIP) transcription factors. It is expressed in a broad range of cells and tissues in adult animals, however, during embryonic development, TEF expression appears to be restricted to the developing anterior pituitary gland, coincident with the appearance of thyroid-stimulating hormone, beta (TSHB). Indeed, TEF can bind to, and transactivate the TSHB promoter. It shows homology (in the functional domains) with other members of the PAR-bZIP subfamily of transcription factors, which include albumin D box-binding protein (DBP), human hepatic leukemia factor (HLF) and chicken vitellogenin gene-binding protein (VBP); VBP is considered the chicken homologue of TEF. Different members of the subfamily can readily form heterodimers, and share DNA-binding, and transcriptional regulatory properties.
Product Categories/Family for anti-TEF antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Stem Cells; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507431
NCBI GeneID	7008
NCBI Accession #	NP_003207
NCBI GenBank Nucleotide #	NM_003216
UniProt Accession #	Q10587
Molecular Weight	33kDa
NCBI Official Full Name	thyrotroph embryonic factor isoform 1
NCBI Official Synonym Full Names	TEF transcription factor, PAR bZIP family member
NCBI Official Symbol	TEF
NCBI Protein Information	thyrotroph embryonic factor
UniProt Protein Name	Thyrotroph embryonic factor
UniProt Gene Name	TEF
UniProt Synonym Gene Names	KIAA1655
UniProt Entry Name	TEF_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tef-antibody-western-blot-immunohistochemistry-elisa/198279>