

Rabbit anti-Human, mouse TCF3 Polyclonal Antibody | anti-TCF3 antibody

TCF3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288736	Rabbit	Human, mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

TCF3; Polyclonal Antibody; TCF3 Antibody (C-term); Transcription factor E2-alpha; Class B basic helix-loop-helix protein 21; bHLHb21; Immunoglobulin enhancer-binding factor E12/E47; Immunoglobulin transcription factor 1; Kappa-E2-binding factor; Transcription factor 3; TCF-3; Transcription factor ITF-1; BHLHB21; E2A; ITF1; anti-TCF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TCF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 506-534 amino acids from the C-terminal region of human TCF3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.34 (varies by lot)
Sequence Positions	506-534
Sequence Length	651
Applicable Applications for anti-TCF3 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

TCF3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TCF3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)

TCF3 Antibody (C-term) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**WB (Western Blot)**

TCF3 Antibody (C-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the TCF3 antibody detected the TCF3 protein (arrow).

**WB (Western Blot)**

TCF3 Antibody (C-term) western blot analysis in human uterine tumor tissue lysates (35ug/lane). This demonstrates the TCF3 antibody detected the TCF3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TCF3 antibody	The TCF3 gene, also called E2A, encodes 2 basic helix-loop-helix (bHLH) transcription factors, E12 and E47, through alternative splicing. E12 and E47 are involved in regulation of immunoglobulin gene expression (Bain et al., 1994 [PubMed 8001125]).
Product Categories/Family for anti-TCF3 antibody	Signal Transduction
References	Hirose, K., et al. Blood 116(6):962-970(2010) Pan, F., et al. Immunogenetics 62(4):237-251(2010) Hauser, J., et al. Mol. Immunol. 47(5):1031-1038(2010) Rittie, L., et al. Aging Cell 8(6):738-751(2009) Pedraza, N., et al. J. Biol. Chem. 284(47):32980-32988(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	209915594
NCBI GeneID	6929
NCBI Accession #	NP_001129611.1 ; NP_003191.1
NCBI GenBank Nucleotide #	NM_001136139.2
UniProt Accession #	P15923 ; P15883 ; Q14208 ; Q14635 ; Q14636 ; Q2TB39 ; Q2TB40 ; Q9UPI9
Molecular Weight	67600
NCBI Official Full Name	transcription factor E2-alpha isoform E47
NCBI Official Synonym Full Names	transcription factor 3
NCBI Official Symbol	TCF3
NCBI Official Synonym Symbols	E2A; E47; ITF1; VDIR; TCF-3; bHLHb21
NCBI Protein Information	transcription factor E2-alpha
UniProt Protein Name	Transcription factor E2-alpha
UniProt Gene Name	TCF3
UniProt Synonym Gene Names	BHLHB21; E2A; ITF1; bHLHb21; TCF-3
UniProt Entry Name	TFE2_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/tcf3-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/288736>