

Rabbit TCF3 Polyclonal Antibody | anti-TCF3 antibody

TCF3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323807	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TCF3; Polyclonal Antibody; TCF3 Antibody; AGM8; bHLHb21; Class B basic helix-loop-helix protein 21; E12; E2A; E2A immunoglobulin enhancer binding factors E12/E47; E47; Helix loop helix protein HE47; Immunoglobulin enhancer-binding factor E12/E47; Immunoglobulin transcription factor 1; ITF1; Kappa-E2-binding factor; MGC129647; MGC129648; Negative vitamin D response element binding protein; NOL1-TCF3 fusion; TCF-3; Tcf3; TFE2_HUMAN; transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47); Transcription factor 3; transcription factor 3 variant 3; Transcription factor E2-alpha; Transcription factor ITF-1; VDIR; VDR interacting repressor; vitamin D receptor-interacting repressor; anti-TCF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TCF3 antibody detects endogenous levels of total TCF3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	651
Applicable Applications for anti-TCF3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TCF3, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323807 at 1/100 staining Mouse 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 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 cells, using TCF3 antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using TCF3 Antibody.



IHC (Immunohistochemistry)

AAA323807 at 1/100 staining Human breast cancer 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF3 antibody

Function: Transcriptional regulator. Involved in the initiation of neuronal differentiation. Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer. Binds to IEB1 and IEB2, which are short DNA sequences in the insulin gene transcription control region.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209915594
NCBI GeneID	6929
NCBI Accession #	NP_001129611.1
NCBI GenBank Nucleotide #	NM_001136139.3
UniProt Accession #	P15923; P15883; Q14208; Q14635; Q14636; Q2TB39; Q2TB40; Q9UPI9
Molecular Weight	Observed: 68 kD Predicted: 68 kDa
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; p75; AGM8; 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

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/tcf3-antibody-immunohistochemistry-western-blot-elisa/323807>