

Rabbit TCF3 Polyclonal Antibody | anti-TCF3 antibody

TCF3 Antibody

CATALOG # AAA303977	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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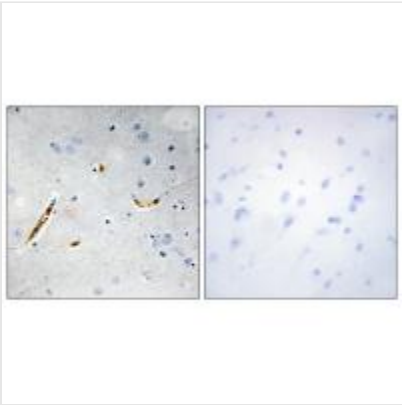
PRODUCT SYNONYMS

TCF3; Polyclonal Antibody; TCF3 Antibody; E12; ITF1; Immunoglobulin enhancer binding factor E12/E47; Immunoglobulin transcription factor-1; Kappa-E2-binding factor; anti-TCF3 antibody

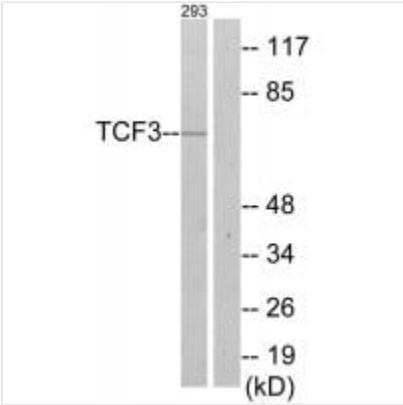
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total TCF3 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	651
Applicable Applications for anti-TCF3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human TCF3.
Target Name	TCF3
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using TCF3 antibody.



WB (Western Blot)
Western blot analysis of extracts from 293 cells, using TCF3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF3 antibody	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.Kamps M.P., Cell 60:547-555(1990).Nourse J., Cell 60:535-545(1990).Grimwood J., Nature 428:529-535(2004).
Product Categories/Family for anti-TCF3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	209915594
NCBI GeneID	6929
NCBI Accession #	NP_001129611.1
NCBI GenBank Nucleotide #	NM_001136139.2
UniProt Accession #	P15923; P15883; Q14208; Q14635; Q14636; Q2TB39; Q2TB40; Q9UPI9
Molecular Weight	68,510 Da
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-western-blot-elisa/303977>