

Rabbit TCF3 Polyclonal Antibody | anti-TCF3 antibody

TCF3 Antibody

CATALOG # AAA40188	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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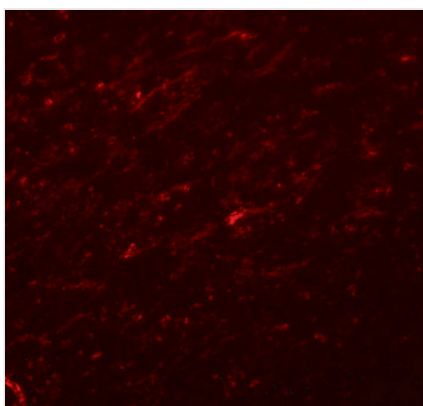
PRODUCT SYNONYMS

TCF3; Polyclonal Antibody; TCF3 Antibody; E2A; E47; ITF1; VDIR; TCF-3; bHLHb21; BHLHB21; Transcription factor E2-alpha; Class B basic helix-loop-helix protein 21; transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47); anti-TCF3 antibody

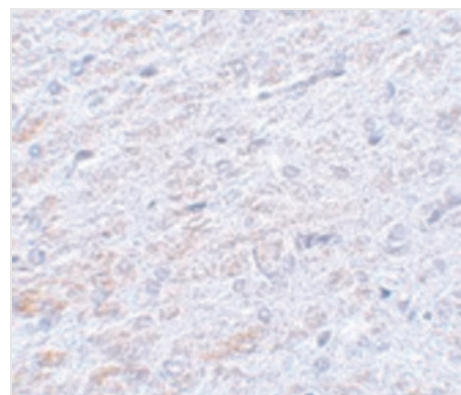
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TCF3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	654
Applicable Applications for anti-TCF3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TCF3 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human TCF3.
Buffer	TCF3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TCF3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

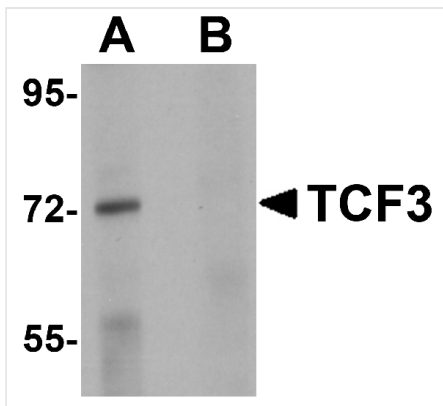
IMAGES


IF (Immunofluorescence)

Immunofluorescence of TCF3 in rat brain tissue with TCF3 antibody at 20 &#956;g/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of TCF3 in rat liver tissue with TCF3 antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of TCF3 in Human brain tissue lysate with TCF3 antibody at 1 μg/mL in (A) the absence and (B) presence of peptide blocking.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF3 antibody

TCF3 Antibody: The TCF3 gene, also called E2A, encodes two basic helix-loop-helix (bHLH) transcription factors, E12 and E47, through alternative splicing. These transcription factors are involved in mediating canonical Wnt signaling, which is very important in a diverse array of cellular functions such as stem cell proliferation, self-renewal, activation, fate determination, differentiation and aging and senescence. They bind beta-catenin and can act as transcriptional activators or repressors for Wnt target genes, and have been shown to regulate specific target genes during CNS development downstream of Wnt signaling. TCF3/Lef complexes are also known to play key roles in controlling cell fate lineages in multipotent skin stem cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27777636
NCBI GeneID	6929
NCBI Accession #	NP_003191
NCBI GenBank Nucleotide #	NM_003200.3
UniProt Accession #	P15923 ; P15883 ; Q14208 ; Q14635 ; Q14636 ; Q2TB39 ; Q2TB40 ; Q9UPI9
Molecular Weight	68,510 Da
NCBI Official Full Name	transcription factor E2-alpha isoform E12
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; kappa-E2-binding factor; VDR interacting repressor; transcription factor ITF-1; helix-loop-helix protein HE47; transcription factor 3 variant 3; immunoglobulin transcription factor 1; vitamin D receptor-interacting repressor; class B basic helix-loop-helix protein 21; negative vitamin D response element-binding protein; transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)
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.

