

Rabbit TCF3 Polyclonal Antibody | anti-TCF3 antibody

TCF3 Antibody

CATALOG # AAA305017	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

TCF3; Polyclonal Antibody; TCF3 Antibody; Immunoglobulin transcription factor 1; transcription factor 3; E12; E2A; ITF1; E47; anti-TCF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	654
Applicable Applications for anti-TCF3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the amino terminus of human TCF3.
Target Name	TCF3
Preparation and Storage	Can be stored at -20 degree C, stable for 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


IHC (Immunohistochemistry)

Immunohistochemistry of TCF3 in rat liver tissue with TCF3 antibody at 5 ug/mL.


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-TCF3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27777636
NCBI GeneID	6929
NCBI Accession #	NP_003191
NCBI GenBank Nucleotide #	NM_003200.3
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
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/305017>