

Product datasheet for **TA306926**

TCF3 / E2A (TCF3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TCF3 antibody was raised against a 17 amino acid peptide near the amino terminus of human TCF3.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transcription factor 3
Database Link:	NP_003191 Entrez Gene 6929 Human P15923

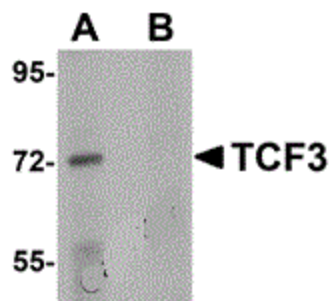
Background: The TCF3 gene, also called E2A, encodes two basic helix-loop-helix (bHLH) transcription factors, E12 and E47, through alternative splicing. These transcription factors are involved in mediating canonical Wnt signaling, which is very important in a diverse array of cellular functions such 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.



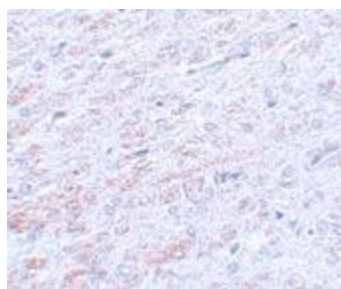
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Synonyms: AGM8; bHLHb21; E2A; E47; ITF1; TCF-3; VDIR

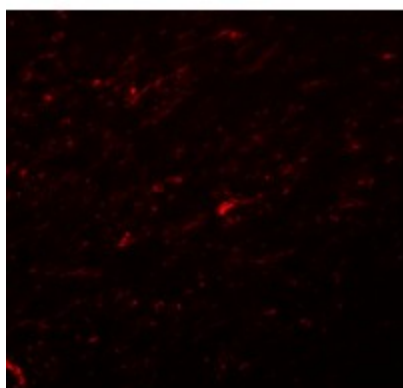
Product images:



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.



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



Immunofluorescence of TCF3 in rat brain tissue with TCF3 antibody at 20 ug/mL.