10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat anti-TCF3 / ITF1, Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4407a

Product Information

Application	WB, IHC, Pep-ELISA
Primary Accession	P15923
Other Accession	NP_003191.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	TCF3
Calculated MW	67600

Additional Information

Gene ID	6929
Other Names	TCF3; transcription factor 3; E2A; E47; ITF1; TCF-3; VDIR; bHLHb21; NOL1-TCF3 fusion; VDR interacting repressor; class B basic helix-loop-helix protein 21; helix-loop-helix protein HE47; immunoglobulin transcription factor 1; kappa-E2-binding factor; nega
Dilution	WB~~1:1000 IHC~~1:100~500 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Immunogen	This antibody is expected to recognize reported isoform E12 (NP_003191.1) only.
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-TCF3 / ITF1, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TCF3
Synonyms	BHLHB21, E2A, ITF1
Function	Transcriptional regulator involved in the initiation of neuronal differentiation and mesenchymal to epithelial transition (By similarity). 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 (By similarity). Together with TCF15, required for the mesenchymal to epithelial transition (By similarity). Dimers bind DNA on E-box motifs: 5'-CANNTG-3' (By similarity). Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer (PubMed:2493990). Binds to IEB1 and IEB2, which are short DNA sequences in the insulin gene transcription control region (By similarity).

Cellular Location Nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.