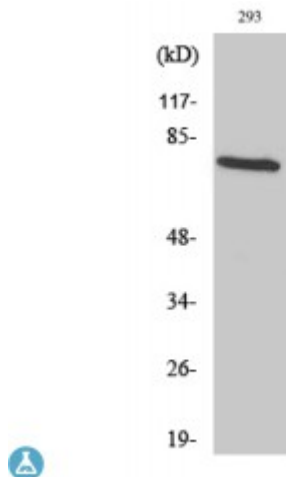


Anti-TCF-3 antibody



Description	Rabbit polyclonal to TCF-3.
Model	STJ95944
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human TCF-3
Immunogen Region	540-620 aa, C-terminal
Gene ID	6929
Gene Symbol	TCF3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	TCF-3 Polyclonal Antibody detects endogenous levels of TCF-3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transcription factor E2-alpha Class B basic helix-loop-helix protein 21 bHLHb21 Immunoglobulin enhancer-binding factor E12/E47 Immunoglobulin transcription factor 1 Kappa-E2-binding factor Transcription factor 3 T
Molecular Weight	68 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11633OMIM:147141
Alternative Names	Transcription factor E2-alpha Class B basic helix-loop-helix protein 21 bHLHb21 Immunoglobulin enhancer-binding factor E12/E47 Immunoglobulin transcription factor 1 Kappa-E2-binding factor Transcription factor 3 T
Function	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.
Sequence and Domain Family	the 9aaTAD motif is a transactivation domain present in a large number of yeast and animal transcription factors.
Cellular Localization	Nucleus.
Post-translational Modifications	Phosphorylated following NGF stimulation.