BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-TCF3/E2A Antibody

Catalog Number: A00095

About TCF3

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.

Kamps M.P., Cell 60:547-555(1990).
Nourse J., Cell 60:535-545(1990).
Grimwood J., Nature 428:529-535(2004).

Overview

Product Name	Anti-TCF3/E2A Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TCF3/E2A Antibody (Catalog # A00095). Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P15923

Technical Details

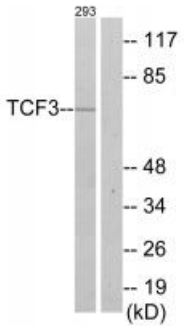
Immunogen	Synthesized peptide derived from C-terminal of human TCF3.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid

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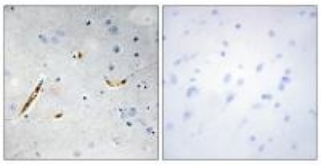
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blotting: 1:500~1:3000 Immunohistochemistry: 1:50~1:100

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Anti-TCF3/E2A Antibody (A00095) Images



Western blot analysis of extracts from 293 cells, using TCF3 antibody A00095.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using TCF3 antibody A00095.

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