

Anti-TCF-4/12 Antibody

Catalog Number: A00674-1

About TCF4

Transcription factor that binds to the immunoglobulin enhancer Mu-E5/KE5-motif. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Binds to the E-box present in the somatostatin receptor 2 initiator element (SSTR2-INR) to activate transcription. By similarity. Preferentially binds to either 5'-ACANNTGT-3' or 5'-CCANNTGG-3'.

Corneliussen B., J. Virol. 65:6084-6093(1991).

Breschel T.S., Hum. Mol. Genet. 6:1855-1863(1997).

Amiel J., Am. J. Hum. Genet. 80:988-993(2007).

Overview

Product Name	Anti-TCF-4/12 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TCF-4/12 Antibody catalog # A00674-1. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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	P15884

Technical Details

Immunogen	Synthesized peptide derived from human TCF-4/12
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:500-1:2000</p> <p>IHC 1:100-1:300</p> <p>ELISA 1:20000</p>

Anti-TCF-4/12 Antibody (A00674-1) Images

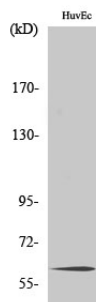


Figure 1. Western blotting validation for Anti-TCF-4/12 Antibody A00674-1

Western Blot (WB) analysis of specific cells using TCF-4/12 polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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