

Anti-ATF7 Antibody

Catalog Number: A04951

About ATF7

In conjunction with another transmembrane protein, CNTNAP2, contributes to the organization of axonal domains at nodes of Ranvier by maintaining voltage-gated potassium channels at the juxtaparanodal region. May be involved in cell adhesion.

Bentley D.R., Nature 441:315-321(2006).

Henzel W.J., Protein Sci. 13:2819-2824(2004).

Smith R.D., J. Proteome Res. 4:2070-2080(2005).

Overview

Product Name	Anti-ATF7 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ATF7 Antibody catalog # A04951. Tested in WB,ICC/IF,IHC,Flow Cytometry applications. This antibody reacts with Human,Mouse,Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	P17544

Technical Details

Immunogen	Synthesized peptide derived from human IRK8 protein.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified
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:
WB: 1:500-1:1,000
ICC: 1:50-1:200
IHC: 1:50-1:200
FC: 1:50-1:100

Anti-ATF7 Antibody (A04951) Images

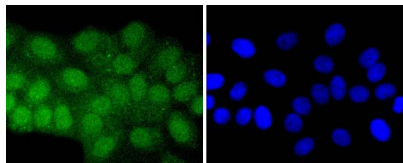


Figure 1. Immunocytochemistry staining of ATF7 using Anti-ATF7 Antibody (A04951).

ICC staining ATF7 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

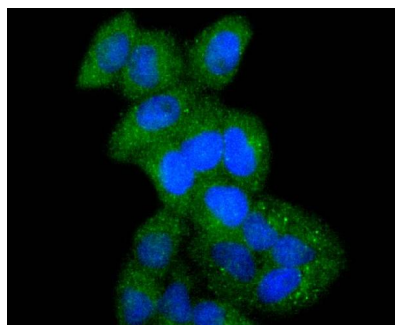


Figure 2. Immunocytochemistry staining of ATF7 using Anti-ATF7 Antibody (A04951).

ICC staining ATF7 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

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