

Anti-IKB Alpha NFKBIA Antibody

Catalog Number: A01139

About NFKBIA

This protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na⁺ ions may pass in accordance with their electrochemical gradient. This sodium channel may be present in both denervated and innervated skeletal muscle.

George A.L. Jr., Ann. Neurol. 31:131-137(1992).

Wang J., Biochem. Biophys. Res. Commun. 182:794-801(1992).

Tsujino A., Proc. Natl. Acad. Sci. U.S.A. 100:7377-7382(2003).

Overview

Product Name	Anti-IKB Alpha NFKBIA Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-IKB Alpha NFKBIA Antibody catalog # A01139. Tested in WB,ICC/IF,IHC,IP applications. This antibody reacts with Human,Mouse,Rat.
Application	IP, 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	P25963

Technical Details

Immunogen	Synthesized peptide derived from internal of human SCN4A.
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	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: 1:1,000-1:5,000 ICC: 1:50-1:200 IHC: 1:50-1:200

Anti-IKB Alpha NFKBIA Antibody (A01139) Images

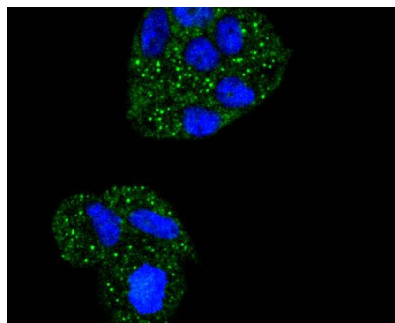


Figure 2. Immunocytochemistry staining of NFKBIA using Anti-IKB Alpha NFKBIA Antibody (A01139).

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

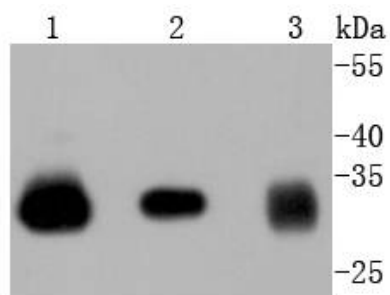


Figure 1. Western blotting validation for Anti-IKB Alpha NFKBIA Antibody A01139

Western blot analysis of IKB alpha on different lysates using anti-IKB alpha antibody at 1/1

1 Publications Citing This Product

1. PubMed ID: 10.1007/s00253-021-11719-8, Surfactin-oleogel with therapeutic potential for inflammatory acne vulgaris induced by *Propionibacterium acnes*

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