

Anti-Phospho-kappa-alpha (Y305) NFKBIA Antibody

Catalog Number: A01139Y305

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-Phospho-kappa-alpha (Y305) NFKBIA Antibody
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-Phospho-kappa-alpha (Y305) NFKBIA Antibody catalog # A01139Y305. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Monkey, 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	P25963

Technical Details

Immunogen	Synthesized peptide derived from human IkappaB-alpha around the phosphorylation site of Y305.
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	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 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000

Anti-Phospho-kappa-alpha (Y305) NFKBIA Antibody (A01139Y305) Images

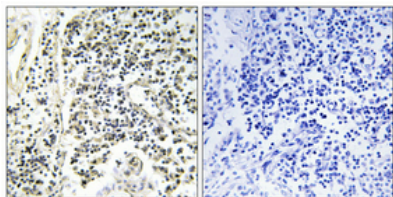


Figure 1. Immunohistochemistry validation of NFKBIA using Anti-Phospho-kappa-alpha (Y305) NFKBIA Antibody (A01139Y305).

Immunohistochemical analysis of paraffin-embedded human lung cancer. Antibody was diluted at 1:100 (4°C)

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