www.antibodiesinc.com
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530-758-4400

PRODUCT DATASHEET

Anti-IκBα (C-terminus) Antibody

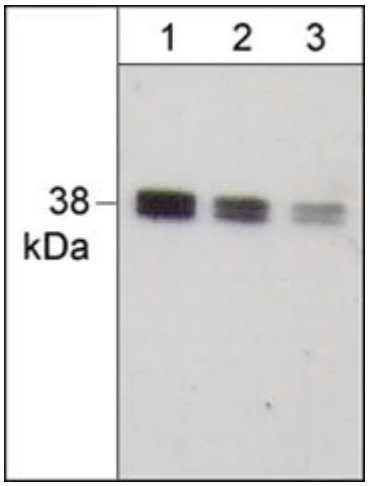
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:IP1861)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	NFKBIA
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 0.05% NaN3 and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	IκBα (C-terminus) synthetic peptide (coupled to KLH) corresponding to amino acid residues at the C-terminus of human IκBα. This peptide sequence has high homology to rat and mouse IκBα, and low homology to other IκB proteins.
Specificity	This antibody detects a 38 kDa* protein on SDS-PAGE immunoblots of human A431 and Jurkat cells, as well as mouse C2C12 cells.
Molecular Weight	38
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P25963 UniProt Summary: Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL (RELA/p65 and NFKB1/p50) dimers in the cytoplasm by

	masking their nuclear localization signals. On cellular stimulation by immune and pro-inflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	4792

Product Images



Western blot image of human A431. The Blots were probed with anti-IκBα (C-term.) polyclonal antibody at a dilution of 1:500 (lane 1), 1:1000 (lane 2), and 1:2000 (lane 3).