

Datasheet for ABIN926864

anti-NFKBIA antibody (N-Term)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	NFKBIA
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig, Chicken, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	NFKBIA antibody was raised in rabbit using the N terminal of NFKBIA as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Chicken, Cow (Bovine), Pig (Porcine), Dog (Canine)
Purification:	Purified

Target Details

Target:	NFKBIA
Alternative Name:	NFKBIA
Background:	Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate

Target Details

transcription. Synonyms: Polyclonal NFKBIA antibody, Anti-NFKBIA antibody, nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha antibody, IKBA antibody, MAD-3 antibody, NFKBI antibody.

Pathways:

[NF-kappaB Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Maintenance of Protein Location](#), [Hepatitis C](#), [Protein targeting to Nucleus](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#)

Application Details

Application Notes:

WB: 0.2-1 µg/mL
Optimal conditions should be determined by the investigator.

Comment:

NFKBIA Blocking Peptide, , is also available for use as a blocking control in assays to test for specificity of this NFKBIA antibody

Restrictions:

For Research Use only

Handling

Format:

Lyophilized

Concentration:

Lot specific

Buffer:

Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice:

Avoid repeated freeze/thaw cycles.

Storage:

4 °C/-20 °C

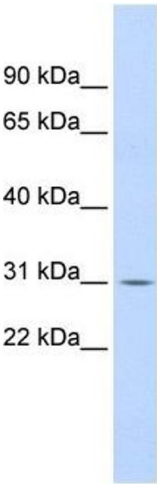
Storage Comment:

Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Publications

Product cited in:

Gao, Ji, Peng, Gao, Jiang: "Development of PLGA-PEG-PLGA Hydrogel Delivery System for Enhanced Immunoreaction and Efficacy of Newcastle Disease Virus DNA Vaccine." in: **Molecules (Basel, Switzerland)**, Vol. 25, Issue 11, (2020) ([PubMed](#)).



Western Blotting

Image 1. NFKBIA antibody (70R-10440) used at 0.2-1 ug/ml to detect target protein.