



[Go to Product page](#)

## Datasheet for ABIN969314 anti-NFKBIB antibody

1 Image

3 Publications

### Overview

Quantity:	100 µL
Target:	NFKBIB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Purified recombinant fragment of human NFKBIB expressed in E. coli.
Clone:	7B4
Isotype:	IgG1
Purification:	purified

### Target Details

Target:	NFKBIB
Alternative Name:	NFKBIB ( <a href="#">NFKBIB Products</a> )
Background:	Description: Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further IKBA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower

## Target Details

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degradation. Tissue specificity: Expressed in all tissues examined.

Aliases: IKBB, TRIP9, NFKBIB

Molecular Weight: 45 kDa

Gene ID: 4793

HGNC: 4793

Pathways: [NF-kappaB Signaling](#), [Activation of Innate immune Response](#), [Maintenance of Protein Location](#), [Toll-Like Receptors Cascades](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

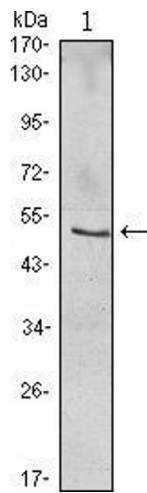
Storage Comment: 4°C, -20°C for long term storage

## Publications

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Product cited in: Golledge, Biros, Clancy, Cooper, Palmer, Norman: "A single-nucleotide polymorphism in the gene encoding osteoprotegerin is associated with diastolic blood pressure in older men." in: **American journal of hypertension**, Vol. 22, Issue 11, pp. 1167-70, (2009) ([PubMed](#)).

Talmud, Drenos, Shah, Shah, Palmén, Verzilli, Gaunt, Pallas, Lovering, Li, Casas, Sofat, Kumari, Rodriguez, Johnson, Newhouse, Dominiczak, Samani, Caulfield, Sever, Stanton, Shields, Padmanabhan et al.: "Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. ..." in: **American journal of human genetics**, Vol. 85, Issue 5, pp. 628-42, (2009) ([PubMed](#)).



### Western Blotting

**Image 1.** Western blot analysis using NFKBIB mouse mAb against Jurkat (1) cell lysate.