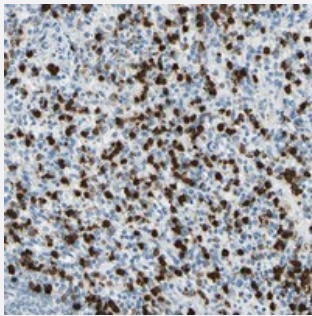


# NFKBIZ polyclonal antibody

Catalog # PAB20499      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human spleen with NFKBIZ polyclonal antibody (Cat # PAB20499) shows strong nuclear positivity in cells of red pulp.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against recombinant NFKBIZ.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids of human NFKBIZ.
<b>Sequence</b>	QGRRALSYVLARKMNALHMLDIKEHNGQSAFQVAVAAANQHLIVQDLVNIGAQVNTTDCWGRTPLH VCAEKGHSQVLQAIQKGAVGSNQFVDLEATNYDGLTPLHCAVIAHNAVVHELQRNQPHSPEVQ ELL
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — NFKBIZ

**Entrez GeneID**[64332](#)**Protein Accession#**[Q9BYH8](#)**Gene Name**

NFKBIZ

**Gene Alias**

FLJ30225, FLJ34463, IKBZ, INAP, MAIL

**Gene Description**

nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta

**Omim ID**[608004](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the ankyrin-repeat family and is induced by lipopolysaccharide (LPS). The C-terminal portion of the encoded product which contains the ankyrin repeats, shares high sequence similarity with the I kappa B family of proteins. The latter are known to play a role in inflammatory responses to LPS by their interaction with NF-B proteins through ankyrin-repeat domains. Studies in mouse indicate that this gene product is one of the nuclear I kappa B proteins and an activator of IL-6 production. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

Ikappa B-zeta variant 3|IkappaB-zeta|molecule possessing ankyrin repeats induced by lipopolysaccharide

## Publication Reference

- [Dynamics of the Transcriptome during Human Spermatogenesis: Predicting the Potential Key Genes Regulating Male Gametes Generation.](#)

Zhu Z, Li C, Yang S, Tian R, Wang J, Yuan Q, Dong H, He Z, Wang S, Li Z.

Scientific Reports 2016 Jan; 6:19069.

Application: IHC-P, Human, Testis

## Disease

- [Epidermal Necrolysis](#)
- [Pneumococcal Infections](#)
- [Stevens-Johnson Syndrome](#)