

Datasheet for ABIN7207193
anti-NFKBIA antibody (pSer32)



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4 Images

Overview

Quantity:	100 µL
Target:	NFKBIA
Binding Specificity:	pSer32
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	IκB-α (phospho Ser32/S36) Polyclonal Antibody
Immunogen:	Synthesized peptide derived from human IκappaB-alpha Phospho-Ser32/S36
Isotype:	IgG
Specificity:	Phospho-IκB-α (S32/S36) Polyclonal Antibody detects endogenous levels of IκB-α protein only when phosphorylated at S32/S36.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	NFKBIA
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Target Details

Alternative Name:	IkappaB-alpha (NFKBIA Products)
Background:	Rabbit Anti-IkappaB- α (phospho Ser32/S36) Polyclonal Antibody,NFKBIA, IKBA, MAD3, NFKBI, NF-kappa-B inhibitor alpha, I-kappa-B-alpha, IkB-alpha, IkappaBalph, Major histocompatibility complex enhancer-binding protein MAD3,NFKBIA encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. NFKB inhibitor alpha interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. NFKB inhibitor alpha moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in NFKBIA have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease.,NF-kappa-B inhibitor alpha
Gene ID:	4792
UniProt:	P25963
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:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), IHC-P (1:100-1:300), ELISA (1:10000). Not yet tested in other applications.
Restrictions:	For Research Use only

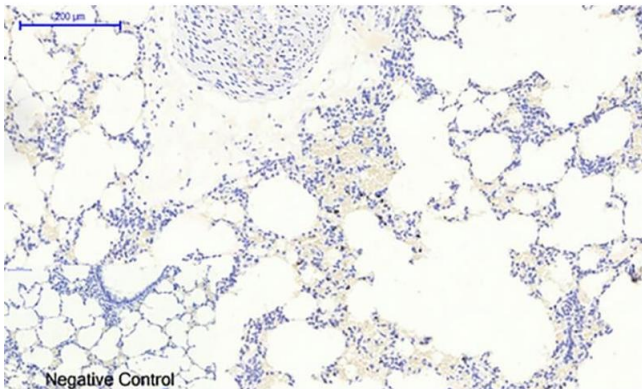
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % 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:	-20 °C

Handling

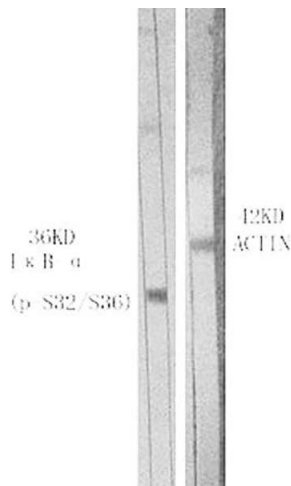
Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Images



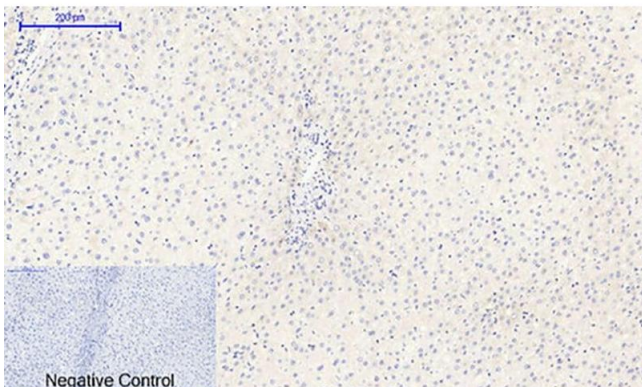
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rat lung tissue. 1, IκB-α (phospho Ser32/S36) Polyclonal Antibody was diluted at 1:200 (4 °C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 °C, 20 min). 3, secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.



Western Blotting

Image 2. Western Blot analysis of various cells using Phospho-IκB-α (S32/S36) Polyclonal Antibody.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded human liver tissue. 1, IκB-α (phospho Ser32/S36) Polyclonal Antibody was diluted at 1:200 (4 °C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 °C, 20 min). 3, secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7207193.