

Datasheet for ABIN1531661
anti-NFKBIA antibody (pTyr305)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	NFKBIA
Binding Specificity:	AA 268-317, pTyr305
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human IkappaB-alpha around the phosphorylation site of Tyr305.
Isotype:	IgG
Specificity:	IkappaB-alpha (Phospho-Tyr305) Antibody detects endogenous levels of IkappaB-alpha only when phosphorylated at Tyr305. PhosphorylationH:Y305 M:Y302 R:Y302
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

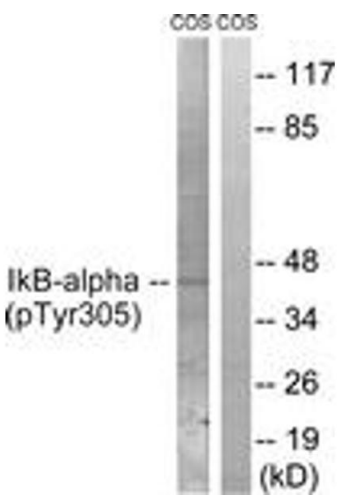
Target:	NFKBIA
Alternative Name:	IkappaB-alpha (NFKBIA Products)
Background:	Synonyms: I-kappa-B-alpha, IkappaBalph, IKBA, MAD3, Major histocompatibility complex enhancer-binding protein MAD3, NF-kappaB inhibitor alpha, NFKBI, NFKBIA, RL/IF-1 NCBI Gene Symbol: NFKBIA
Molecular Weight:	35 kDa
Gene ID:	4792
OMIM:	164008
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:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.81328 (NCBI Gene Symbol: NFKBIA)
Restrictions:	For Research Use only

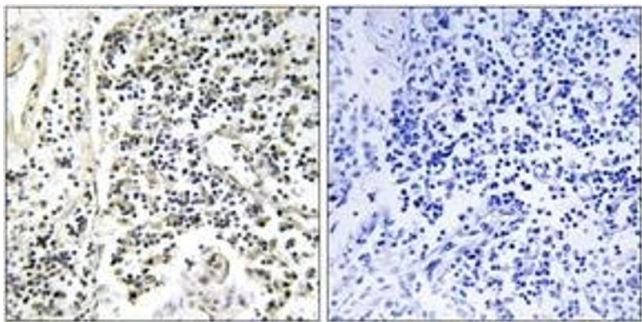
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Stable at -20°C for at least 1 year.



Western Blotting

Image 1. Western blot analysis of extracts from COS7 cells treated with nocodazole 1ug/ml 16h, using IkappaB-alpha (Phospho-Tyr305) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lymph node, using IkappaB-alpha (Phospho-Tyr305) Antibody. The picture on the right is treated with the synthesized peptide.