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Datasheet for ABIN197570 anti-NFKBIE antibody (Ser22)

2 Images



Overview

Quantity:	0.1 mL
Target:	NFKBIE
Binding Specificity:	Ser22
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human
	IkB-epsilon around the phosphorylation site of serine 22 (I-E-SP-L-R).
Specificity:	IkΒ-ε antibody detects endogenous levels of total IkΒ-ε protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

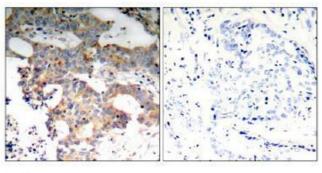
Target Details

Target:	NFKBIE
Alternative Name:	NFKBIE / IKBE (NFKBIE Products)
Background:	NFKB1 or NFKB2 is bound to REL, RELA, or RELB to form the NFKB complex. The NFKB
	complex is inhibited by I-kappa-B proteins (NFKBIA, or NFKBIB), which inactivate NF-kappa-B by

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	trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA, or IKBKB) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. Activated NFKB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNNYYCC 3-prime or 5- prime HGGARNYYCC 3-prime (where H is A, C, or T, R is an A or G purine, and Y is a C or T pyrimidine). For some genes, activation requires NFKB interaction with other transcription factors, such as STAT, AP1 (JUN), and NFAT.Synonyms: I-kappa-B-epsilon, IkB-E, IkB-epsilon, IkappaBepsilon, NF-kappa-B inhibitor epsilon
Gene ID:	4794
NCBI Accession:	NP_004547
UniProt:	000221
Pathways:	NF-kappaB Signaling, Maintenance of Protein Location
Application Details	
Application Notes:	Western Blot: 1: 500approx. 1: 1000. Immunohistochemistry: 1: 50approx. 1: 100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg2+ and Ca2+), pH 7.4 containing 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C

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Peptide

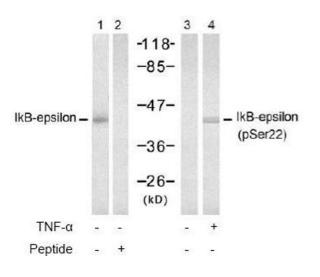


Image 1.

Image 2.

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