Datasheet for ABIN7138792

anti-NFKBIB antibody (pThr19)

1 Image

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Overview

Quantity:	100 µL
Target:	NFKBIB
Binding Specificity:	pThr19
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Threonine 19(C-D-S(p)-G-L) derived from Human IkappaB- beta.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi

Target Details

Target:	NFKBIB
Alternative Name:	NFKBIB (NFKBIB Products)

Target Details

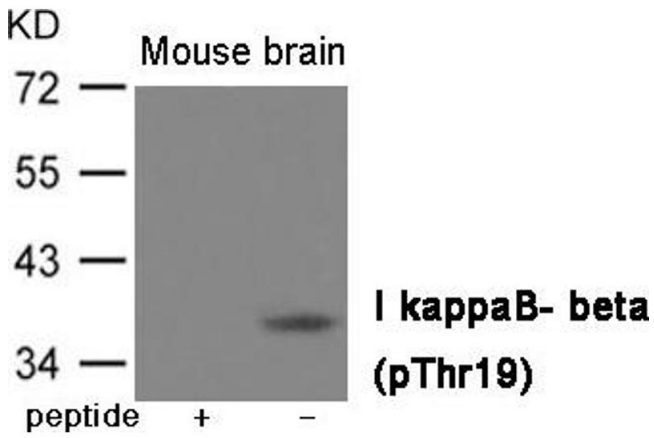
Background:	Background: Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further NFKBIA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower degradation. Aliases: I kappa B beta antibody, I-kappa-B-beta antibody, IkappaBbeta antibody, IKB beta antibody, IkB-B antibody, IkB-beta antibody, IKBB antibody, IKBB_HUMAN antibody, IkBbeta antibody, NF kappa BIB antibody, NF-kappa-B inhibitor beta antibody, NF-kappa-BIB antibody, Nfkbib antibody, Thyroid receptor interacting protein 9 antibody, Thyroid receptor-interacting protein 9 antibody, TR interacting protein 9 antibody, TR-interacting protein 9 antibody, TRIP-9 antibody, TRIP9 antibody
UniProt:	Q15653
Pathways:	NF-kappaB Signaling, Activation of Innate immune Response, Maintenance of Protein Location, Toll-Like Receptors Cascades

Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from Mouse brain tissue using IkappaB- beta (Phospho-Thr19) Antibody.The lane on the left is treated with the antigen-specific peptide.