

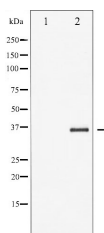
Phospho-I kappaB beta (Thr19) Ab

Cat.#: AF3448
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 37kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-I kappaB- beta (Thr19) Ab detects endogenous levels of I kappaB- beta only when phosphorylated at Threonine 19.
Immunogen:	A synthesized peptide derived from human I kappaB- beta around the phosphorylation site of Threonine 19.
Uniprot:	Q15653
Description:	kB-beta a protein of the NF-kappa-B inhibitor family. 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 IKBA- dependent inactivation.
Subcellular Location:	Cytoplasm. Nucleus.
Tissue Specificity:	Expressed in all tissues examined.
Similarity:	Belongs to the NF-kappa-B inhibitor family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of I kappaB beta phosphorylation expression in TNF-a treated 293 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.



AF3448 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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