

IKK α Polyclonal Antibody

CATALOG #:	3185-100
AMOUNT:	100 μ g
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	<i>E. coli</i> expressed recombinant human IKK α (a.a. 557-745).

FORMULATION:

100 μ g (0.5 mg/ml) Protein A purified rabbit anti-IKK α polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

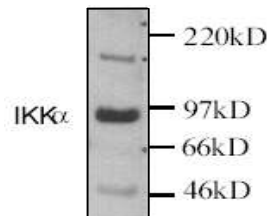
SPECIES REACTIVITY: Human (other species has not been determined).

BACKGROUND DESCRIPTION:

IKK α (I κ B kinase- α or IKK-1) is part of a large protein complex responsible for the inducible phosphorylation of I κ B proteins. Human IKK- α is an 85 kDa peptide that has been shown to activate NF κ B by phosphorylation of I κ B proteins. IKK α interacts with its upstream kinase, NIK, and its downstream substrate, the I κ B proteins. Mutations of IKK α in its kinase domain lead to a dominant-negative phenotype that suppresses TNF- α and IL-1 β induced NF κ B activation.

APPLICATION AND USAGE:

The antibody can be used for Western blot (at 0.5-1 μ g/ml) and immunoprecipitation (4-8 μ g/ml). However, the optimal conditions should be determined individually.



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Western blot analysis of IKK α in transfected RBL cells with anti-human IKK α .

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