



IKK epsilon

Full Name:

IKK epsilon phospho Ser 172

Long Name Text:

inhibitory kB kinase epsilon

Immuno Sequence:

CEKFVS*VYGTE [residues 168 - 177 of human + N-terminal cysteine for coupling]

Phosphopeptide:

CEKFVSVYGTE [residues 168 - 177 of human + N-terminal cysteine for coupling]

Sheep No:

S051C

Monoclonal/Polyclonal:

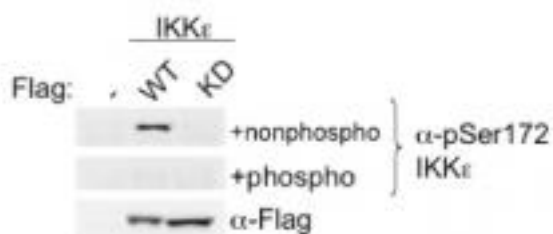
Polyclonal

Purification Method:

Affinity purified against phosphorylated specific peptide.

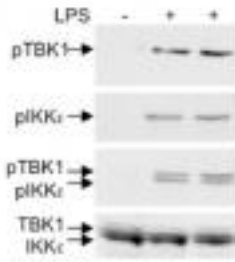
Gel Image:

(A) Immunoblotting with anti-IKK epsilon phospho Ser 172



HEK 293 cells were transfected with constructs for Flag tagged wildtype and kinase dead (K38A) IKK epsilon. The transfected IKK epsilon was immunoprecipitated from cell extracts using anti-Flag M2 agarose (Sigma). The resulting immunoprecipitate was subjected to SDS-Page followed by immunoblotting with anti-FLAG (Sigma) and anti-IKK phospho Ser 172 antibodies (in the presence of non-phosphorylated or phosphorylated peptide). Binding of IKK epsilon phospho Ser 172 antibody was detected using rabbit peroxidase conjugated anti-sheep IgG antibody (1 in 10, 000 dilution, Pierce) followed by enhanced chemiluminescence (ECL, Amersham).

(B) Immunoprecipitation of phosphorylated IKK epsilon and TBK1 using anti-IKK epsilon phospho Ser 172



RAW264.7 cells were unstimulated (-) or stimulated (+) with 100 ng/ml LPS for 30 mins. 1 mg of cellular extract was subjected to immunoprecipitation using 10 ug anti-IKK epsilon phospho Ser 172 in the presence of 100 ug of non-phosphorylated peptide. The resulting immunoprecipitate was subjected to SDS-Page followed by immunoblotting with anti-TBK1 phospho Ser 172, anti-IKK phospho Ser 172, anti-TBK1 (CST) and anti- IKK epsilon (Sigma). Binding of TBK1 and IKK epsilon phospho specific antibody was detected using rabbit peroxidase conjugated anti-sheep IgG antibody (1 in 10, 000 dilution, Pierce) followed by enhanced chemiluminescence (ECL, Amersham).

Publication:

[Use of the Pharmacological Inhibitor BX795 to Study the Regulation and Physiological Roles of TBK1 and I \$\beta\$ B Kinase ?.](#)

Price per aliquot (100 μ g):

£110.00