



CapZIP

Full Name:

CapZIP phospho Ser 179

Long Name Text:

CapZIP

Immuno Sequence:

RFRRSQS*DCGEL [residues 173 - 184 of human]

Phosphopeptide:

RFRRSQSDCGEL [residues 173 - 184 of human]

Sheep No:

S422A

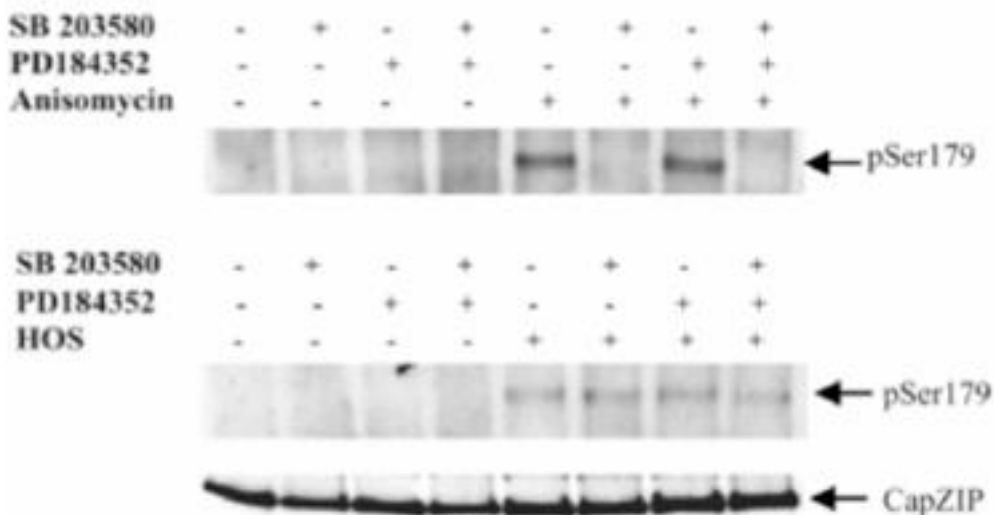
Monoclonal/Polyclonal:

Polyclonal

Purification Method:

Affinity purified against phospho peptide.

Gel Image:



Jurkat cells were incubated for 1 hour without (-) or with (+) 10 μ M SB 203580 and/or 2 μ M PD 184352, then left untreated (-) or exposed (+) for 15 mins to either 10 μ g/ml of the protein synthesis inhibitor anisomycin (uppermost panel) or HOS [0.5M sorbitol] (middle and lower panel). CapZIP was immunoprecipitated from the cell extract using 1 μ g anti-CapZIP (S970A) per 0.5 mg of extract. The immunoprecipitate was denatured in SDS, subjected to SDS/PAGE and transferred to nitrocellulose membranes. The membranes were immunoblotted with an antibody that recognises CapZIP phosphorylated at Ser 179 and with an antibody that recognises the phosphorylated and unphosphorylated forms of CapZIP equally well (anti-CapZIP S970A). Binding of the primary antibody was detected using rabbit peroxidase conjugated anti- sheep

IgG antibody (1 in 10, 000 dilution, Pierce) followed by enhanced chemiluminescence (ECL, Amersham).

Publication:

[The phosphorylation of CapZ-interacting protein \(CapZIP\) by stress-activated protein kinases triggers its dissociation from CapZ.](#)

Price per aliquot (100µg):

£110.00

