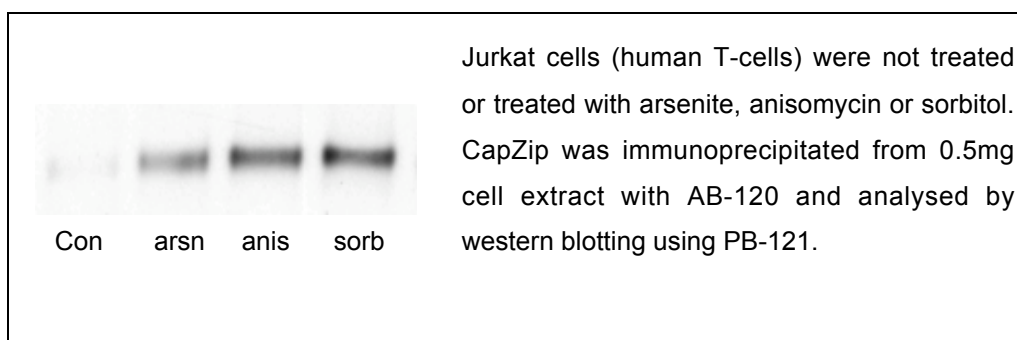


Anti CapZIP pSer179**Order No. PB-121****Anti CapZ interacting protein pSer179****Antibody concentration: 0.33 mg/ml****Lot No 1****Amount per vial: 100µg****Store at -20°C****Product description:**

Polyclonal, affinity purified antibody raised in sheep against the peptide RFRRSQpSDCGEL resembling aa 173-184 of CapZIP, Acc. No.: AAS99235, phosphorylated at Ser179. Recognizes human and mouse CapZIP, phosphorylated at Ser179. Other species were not tested.

Applications: Western blotting, IHC not tested**Application advise**

Western blocking buffer: 5% dry milk, 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

1st Ab buffer: 1µg/ml antibody and 10µg/ml dephospho peptide PT-121 (comes with the antibody) in western blocking buffer.

Wash buffer: 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

2nd Ab buffer: HRP coupled anti sheep Pierce 31480 (1:10000) in western blocking buffer.

Background Information

Eyers et al., 2005, Biochem. J. 389:127-135 have shown that CapZIP is a substrate for MAPKAP kinase 2 and several stress activated protein kinases. Ser179 can be phosphorylated in vitro by MAPKAP kinases 2 and 3 and is probably a physiological substrate. CapZIP, a protein highly expressed in muscle and lymphocytes, binds to the actin binding protein CapZ.

For in vitro use only.

For research use only.

Not for clinical use or consumption.

Not for diagnostic use.

Do not inject in humans or animals.