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## **Anti DAZAP1 pThr315**

**Deleted in AZoospermia (DAZ) Associated Protein 1**

**Order No. PB-033**

**Antibody concentration: 0.17 mg/ml**

**Amount per vial: 100µg**

**Lot No 1**

**Store at -20°C**

### **Product description:**

Polyclonal, affinity purified antibody raised in sheep against the peptide VPPPPApTPGAA representing aa 308-319 of human DAZAP1 Acc. No Q96EP5, phosphorylated at Thr315. Recognizes human and mouse, other species not tested.

**Applications:** Western blotting

### **Application advise**

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

1st Ab buffer: 1µg/ml antibody plus 10µg/ml dephospho peptide PT-033 (comes with the antibody) in western blocking buffer. Incubate for at least 4h or best overnight at 4°C.

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**

Morton et al., 2006 Biochem. J in press purified and identified DAZAP1 as a protein that becomes phosphorylated in RAW264 cells, which were treated with bacterial LPS. Phosphorylated DAZAP1 was detected by a phospho c-Jun antibody, but in contrast to the phosphorylation of c-Jun DAZAP1 phosphorylation was prevented by MEK-inhibitors. The authors demonstrate that DAZAP1 is a substrate for Erk2/p42<sup>mapk</sup> and map Thr269 and Thr315 as the main sites of phosphorylation. PB-033 was used in this study.

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.