



## PDE3

Full Name:

**PDE3A phospho Thr 568**

Long Name Text:

**Phosphodiesterase 3**

Immuno Sequence:

**HRALTYT\*QSAPDL [residues 562 - 574 of human]**

Phosphopeptide:

**HRALTYTQSAPDL [residues 562 - 574 of human]**

Sheep No:

**S548B**

Monoclonal/Polyclonal:

**Polyclonal**

Purification Method:

**Affinity purified against phospho peptide.**

Gel Image:



*HeLa cells growing in medium containing serum were harvested (S), or incubated with mimosine (Mim 0.2 mM for 16 h), aphidicolin (Aph 10 µg/ml for 16 h) or serum-starved for 12 hours and stimulated with PMA (TPA 400 ng/ml or forskolin (FO 20 µM). PDE3A was immunoprecipitated (IP) from 1.5 mg of each cell extract with 10 µg anti-PDE3A (1095 – 1110). The immunoprecipitates were, subjected to SDS-PAGE, transferred to a PVDF membrane and analysed by DIG-14-3-3 overlay and immunoblotted with antibodies that recognise the pSer 312, pSer 428, pSer 438, pSer 465 and pThr 568 sites on PDE3A. Binding of the primary antibody was detected using rabbit peroxidase conjugated anti-sheep IgG antibody (1:10.000 dilution, Pierce) followed by enhanced chemiluminescence (ECL, Amersham).*

Publication:

[Phosphodiesterase 3A binds to 14-3-3 proteins in response to PMA-induced phosphorylation of Ser428](#)

Notes:

**Include the non-phosphorylated form of the peptide immunogen at 10 µg/ml to the diluted antibody.**

Price per aliquot (100µg):

£110.00

