



## PINK

Full Name:

**PINK (125 - 539)**

Long Name Text:

**PTEN induced putative kinase 1**

Immuno Sequence:

**PINK (125 - 539) MBP cleaved [DU 13946]**

DU Number of Antigen:

**DU13946**

Sheep No:

**S460C**

Monoclonal/Polyclonal:

**Polyclonal**

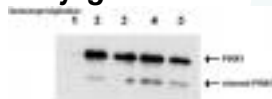
Purification Method:

**Affinity purified against MBP-PINK1 (125-end).**

Gel Image:



***HEK293 cells were either untransfected (lane one) or transfected with full length (1-581) PINK1-myc cDNA (lane two). 25µg of protein was subjected to SDS-PAGE analysis before being transferred to nitrocellulose membrane and immunoblotted with anti-PINK1 (125 – 539) at 1 µg/ml overnight at 4°C. Binding of the primary antibody was detected using rabbit peroxidase conjugated anti- sheep IgG antibody (1 in 2500 dilution) and enhanced chemiluminescence.***



***PINK1 was immunoprecipitated from 1mg HEK 293 cellular extracts over-expressing human wildtype PINK1. Immunoprecipitates were performed using 5µg of pre-immune serum covalently coupled to protein G sepharose (lane 1); 5µg anti-PINK1 S688B antibody covalently coupled to protein G sepharose (lane 2); 5µg anti-PINK1 S460C (2nd bleed) antibody covalently coupled to protein G sepharose (lane 3); 5µg anti-PINK1 S460C (3rd bleed) antibody covalently coupled to protein G sepharose (lane 4) or 5µg anti-PINK1 S514C antibody covalently coupled to protein G sepharose (lane 5). Immunoprecipitates were subjected to SDS-PAGE analysis before being transferred to nitrocellulose membrane and immunoblotted with anti-PINK1 S460C antibody at 1 µg/ml overnight at 4°C. Binding of the primary antibody was detected using rabbit peroxidase conjugated anti- sheep IgG antibody (1 in 2500 dilution) and enhanced chemiluminescence.***

Publication:

[Phosphoproteomic screening identifies Rab GTPases as novel downstream targets of PINK1.](#)

[PINK1 is activated by mitochondrial membrane potential depolarization and stimulates Parkin E3 ligase activity by phosphorylating Serine 65](#)

Price per aliquot (100µg):

**£110.00**