

PINK1 (Phospho-S402) polyclonal antibody

Catalog: BS64546

Host: Rabbit

Reactivity: Human

BackGround:

PTEN induced putative kinase 1, PINK1, is a mitochondrial serine/threonine kinase involved in the normal function and integrity of mitochondria, as well as in reduction of cytochrome c release from mitochondria. PINK1 phosphorylates Parkin and promotes its translocation to mitochondria. Research studies have shown that mutations in PINK1 are linked to autosomal recessive early onset Parkinson's disease, and are associated with loss of protective function, mitochondrial dysfunction, aggregation of α -synuclein, as well as proteasome dysfunction.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 60 kDa

Swiss-Prot:

Q9BXM7

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

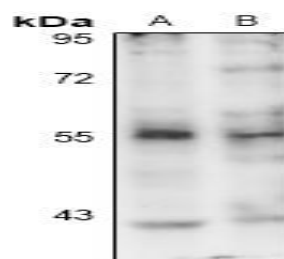
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PINK1 (Phospho-S402) polyclonal antibody detects endogenous levels of PINK1 protein only when phosphorylated at Ser402.

DATA:



Western blot (WB) analysis of PINK1 (Phospho-S402) polyclonal antibody at 1:500 dilution

LaneA:MCF-7 whole cell lysate

LaneB:HCT116 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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