

## PARK7 (A87) polyclonal antibody

Catalog: BCP01265

Host: Rabbit

Reactivity: Human,Rat

### BackGround:

The DJ-1 gene encodes a highly-conserved protein which is implicated in a number of cell processes. DJ-1 was first identified as a novel oncogene that transformed mouse NIH/3T3 cells in cooperation with activated Ras. Additionally, DJ-1 was cloned in rat as SP22 or CAP-1, and found to be an infertility-related sperm protein whose expression is reduced in sperm treated with toxicants. DJ-1 also positively regulates the androgen receptor (AR) by forming a complex with PIASx $\alpha$ , a negative regulator of AR. The gene encoding human DJ-1 maps to chromosome 1p36.33-p36.12, a region identified as a hot spot of chromosome abnormalities in several tumor cells. Subsequently, mutations in the DJ-1 gene have been implicated in Parkinson's disease, and loss of DJ-1 function leads to neurodegeneration.

### Product:

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

### Molecular Weight:

~ 22 kDa

### Swiss-Prot:

Q99497

### 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

IHC: 1:50~1:200

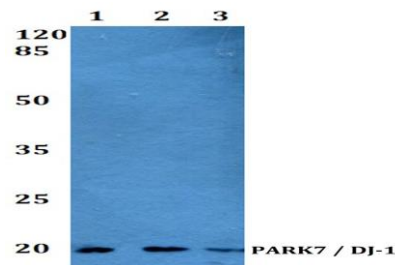
### Storage&Stability:

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

### Specificity:

PARK7 (A87) polyclonal antibody detects endogenous levels of PARK7 protein.

### DATA:



Western blot (WB) analysis of PARK7 (A87) polyclonal antibody at 1:500 dilution

Lane1:HeLa whole cell lysate(40ug)

Lane2:L02 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:The kidney tissue lysate of Rat(40ug)

### Note:

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