

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### PARK2 / Parkin (T125) Peptide

Cat No.: BS1450P

#### Background

Parkin is a zinc-finger protein that is related to ubiquitin at the amino terminus. The wildtype Parkin gene, which maps to human chromosome 6q25.2-27, encodes a 465 amino acid full-length protein that is expressed as multiple isoforms ranging from 50-58 kDa. Mutations in the Parkin gene are responsible for autosomal recessive juvenile Parkinson's disease and commonly involve deletions of exons 3-5. In humans, Parkin is expressed in a subset of cells of the basal ganglia, midbrain, cerebellum and cerebral cortex, and is subject to alternative splicing in different tissues. Parkin expression is also high in the brainstem of mice, with the majority of immunopositive cells being neurons. The Parkin gene has been identified in a diverse group of organisms including mammals, birds, frog and fruit flies, suggesting that analogous functional roles of the Parkin protein may have been highly conserved during the course of evolution.

#### Swiss-Prot

O60260

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS1450 PARK2 / Parkin (T125) pAb.

#### Purification & Purity

Synthetic peptide PARK2 / Parkin (T125). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

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

#### Research Use

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