## bs-5552R

## [ Primary Antibody ]

## phospho-PARK2 (Ser101) Rabbit pAb



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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GeneID:** 5071 **SWISS:** 060260

Target: PARK2 (Ser101)

**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human

PARK2 around the phosphorylation site of Ser101: PQ(p-S)LT.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** Parkinson's Disease, the second most common neurodegenerative

disease after Alzheimer's Disease, is characterized by the loss of dopaminergic neurons and the presence of Lewy bodies (comprised of alpha synuclein and parkin inclusions). Autosomal Recessive Juvenile Parkinsonism (AR-JP) is a recently described form of Parkinson's Disease that has been linked to a gene that codes for parkin. Parkin, a 52 kDa protein, has a suggested role in the ubiquitin/proteasome pathway for protein degradation. The amino terminus bears sequence homology to ubiquitin while functionally it acts as a RING type ubiquitin protein ligase (E3) that coordinates the transfer of ubiquitin to substrate proteins, thus

targeting them for degradation by the proteasome.

**Applications: ELISA** (1:5000-10000)

Reactivity: (predicted: Human)

Predicted MW.: 51 kDa

Subcellular Cell membrane, Cytoplasm

Location: Nucleus