

Parkin polyclonal antibody

Catalog: BS91016

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Parkin is a zinc-finger protein that is related to ubiquitin at the amino terminus. The wild type Parkin gene, which maps to human chromosome 6q25.2-27, encodes a 465 amino acid full-length protein that is expressed as multiple isoforms. 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.

Product:

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

Molecular Weight:

~ 52 kDa

Swiss-Prot:

O60260

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|IF/ICC,1:50 - 1:100|IHC,1:50 - 1:200

Storage&Stability:

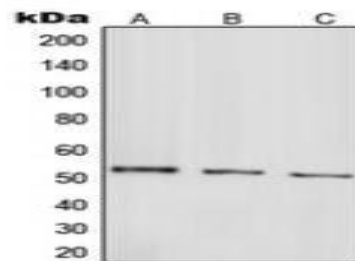
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

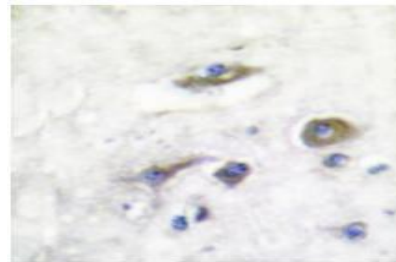
Parkin polyclonal antibody detects endogenous levels of

Parkin protein.

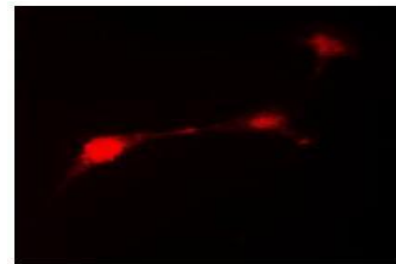
DATA:



Western blot analysis of Parkin expression in HepG2 (A), SHSY5Y (B), SW480 (C) whole cell lysates.



Immunohistochemical analysis of Parkin staining in human brain formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of Parkin staining in HepG2 cells.

Note:

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

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PRODUCT DATA SHEET

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