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Anti-Parkin Antibody
Catalog # AN2175

Specification

Anti-Parkin Antibody - Product Information

Primary Accession	O60260
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG
Calculated MW	51641

Anti-Parkin Antibody - Additional Information

Gene ID	5071

Other Names
PRKN, E3 ubiquitin-protein ligase parkin, PARK2

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Anti-Parkin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping
Blue Ice

Anti-Parkin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Parkin Antibody - Images

Anti-Parkin Antibody - Background

Parkinson's disease is a common neurodegenerative disease with complex clinical features. Mutations in the gene, Parkin (PARK2), appear to be responsible for the pathogenesis of autosomal recessive juvenile Parkinsonism. Parkin plays a role in the ubiquitin-mediated proteolytic pathway by removal and/or detoxification of abnormally folded or damaged protein. Loss of this ubiquitin

ligase activity appears to be the mechanism underlying pathogenesis of Parkin. Parkin may protect neurons against alpha synuclein toxicity, proteasomal dysfunction, gpr37 accumulation, and kainate-induced excitotoxicity. It may play a role in controlling neurotransmitter trafficking at the presynaptic terminal and in calcium-dependent exocytosis. Parkin also regulates cyclin e during neuronal apoptosis and may represent a tumor suppressor gene.