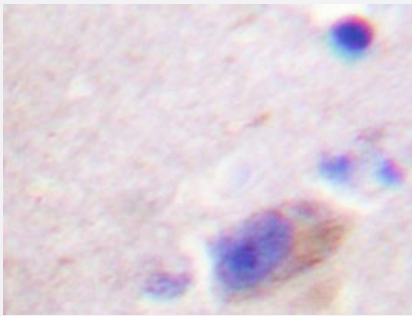


PARK2 polyclonal antibody

Catalog # PAB24826 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using PARK2 polyclonal antibody (Cat # PAB24826).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PARK2.
Immunogen	A synthetic peptide corresponding to PARK2.
Host	Rabbit
Theoretical MW (kDa)	55
Reactivity	Human
Specificity	PARK2 polyclonal antibody detects endogenous levels of PARK2 protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Recommend Usage	Western Blot (1:500-1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.

Storage Buffer	In 1x PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using PARK2 polyclonal antibody (Cat # PAB24826).

Gene Info — PARK2

Entrez GeneID	5071
Gene Name	PARK2
Gene Alias	AR-JP, LPRS2, PDJ, PRKN
Gene Description	Parkinson disease (autosomal recessive, juvenile) 2, parkin
Omim ID	211980 600116 602544 604370 607572
Gene Ontology	Hyperlink
Gene Summary	The precise function of this gene is unknown; however, the encoded protein is a component of a multiprotein E3 ubiquitin ligase complex that mediates the targeting of substrate proteins for proteasomal degradation. Mutations in this gene are known to cause Parkinson disease and autosomal recessive juvenile Parkinson disease. Alternative splicing of this gene produces multiple transcript variants encoding distinct isoforms. Additional splice variants of this gene have been described but currently lack transcript support. [provided by RefSeq]
Other Designations	E3 ubiquitin ligase[OTTHUMP00000017565]OTTHUMP00000017566[OTTHUMP00000017567]parkin parkin 2

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Choice Behavior](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Dystonic Disorders](#)
- [Edema](#)
- [Essential tremor](#)
- [Genetic Predisposition to Disease](#)
- [Leprosy](#)
- [Movement Disorders](#)
- [Nerve Degeneration](#)
- [Neuropsychological Tests](#)
- [Paratyphoid Fever](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Pattern Recognition](#)
- [Reaction Time](#)
- [Supranuclear Palsy](#)
- [Tobacco Use Disorder](#)
- [Tremor](#)
- [Tuberculosis](#)

- [Typhoid Fever](#)