

For Research Use Only

PARK2/Parkin Monoclonal antibody, PBS Only

Catalog Number: 66674-1-PBS

Featured Product



Basic Information

Catalog Number:

66674-1-PBS

Size:

100ug, Concentration: 1 mg/ml by
Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG5179

GenBank Accession Number:

BC022014

GeneID (NCBI):

5071

UNIPROT ID:

O60260

Full Name:

Parkinson disease (autosomal
recessive, juvenile) 2, parkin

Calculated MW:

52 kDa

Observed MW:

42-52 kDa

Purification Method:

Protein A purification

CloneNo.:

2H5A7

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Parkin, a RING-type E3 ubiquitin-protein ligase, is involved in the ubiquitination pathway and contributes to protection from neurotoxicity induced by unfolded protein stresses. Its ubiquitin-protein ligase activity promotes the degradation of a variety of proteins including itself. Mutations in Parkin are implicated in the pathogenesis of autosomal recessive familial Parkinson's disease. It has 8 isoforms produced by alternative splicing.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

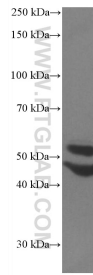
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

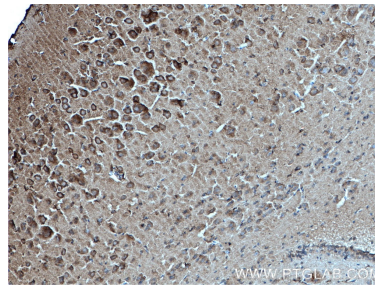
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

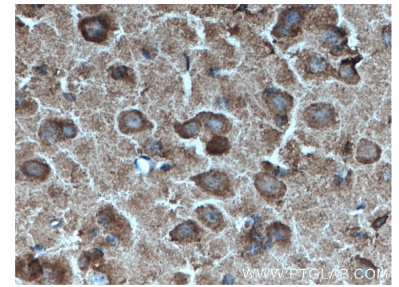
Selected Validation Data



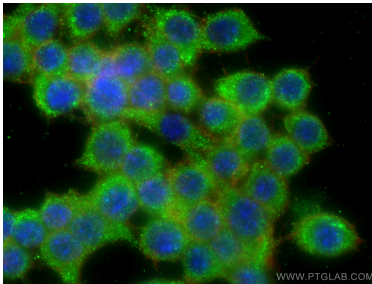
HEK-293 cells were subjected to SDS PAGE followed by western blot with 66674-1-Ig (Parkin antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66674-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66674-1-Ig (Parkin antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66674-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66674-1-Ig (Parkin antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66674-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed RAW 264.7 cells using PARK2/Parkin antibody (66674-1-Ig, Clone: 2H5A7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 66674-1-PBS in a different storage buffer formulation.