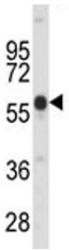
PINK1 Antibody (F49625)

Catalog No.	Formulation	Size
F49625-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49625-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9BXM7
Applications	Western Blot : 1:1000
Limitations	This PINK1 antibody is available for research use only.



Western blot analysis of PINK1 antibody and mouse kidney tissue lysate. Predicted molecular weight: 60-70 kDa

Description

Parkinson is the second most common neurodegenerative disease after Alzheimers. About 1 percent of people over the age of 65 and 3 percent of people over the age of 75 are affected by the disease. The mutation is the most common cause of Parkinson disease identified to date. Defects in PINK1 are the cause of autosomal recessive early-onset Parkinson's disease 6 (PARK6). Six novel pathogenic PINK1 mutations suggest that PINK1 may be the second most common causative gene next to parkin in parkinsonism with the recessive mode of inheritance. Strong evidence indicates that, although important in mendelian forms of Parkinson's disease (PD), PINK1 does not influence the cause of sporadic nonmendelian forms of PD.

Application Notes

Titration of the PINK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 493-526 from the human protein was used as the immunogen for this PINK1 antibody.

Storage

Aliquot the PINK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.