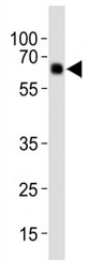
PINK1 Antibody (F49623)

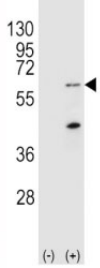
Catalog No.	Formulation	Size
F49623-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49623-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

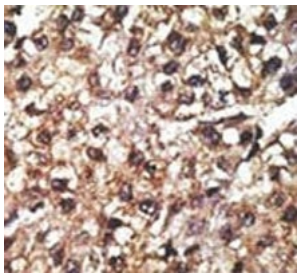
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q9BXM7
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This PINK1 antibody is available for research use only.



Western blot analysis of lysate from human placenta tissue, using Park6/ PINK1 antibody diluted at 1:1000. Predicted molecular weight: 60-70 kDa



Western blot analysis of PINK1 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the Park6/PINK1 gene.



Description

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

The stated application concentrations are suggested starting amounts. Titration of the PINK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 118-147 from the human protein was used as the immunogen for this PINK1 antibody.

Storage

Store at 4oC for up to one month. For long term, aliquot the PINK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.