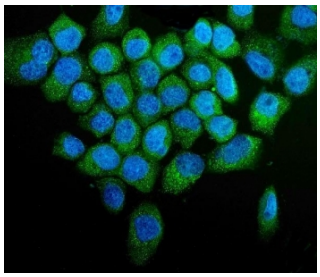
PTEN-induced kinase 1 Antibody / PINK1 (RQ6149)

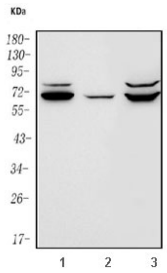
Catalog No.	Formulation	Size
RQ6149	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

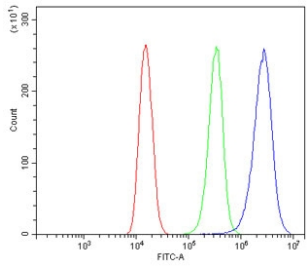
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9BXM7
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This PTEN-induced kinase 1 antibody is available for research use only.



Immunofluorescent staining of FFPE human A431 cells with PTEN-induced kinase 1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) A431, 2) HeLa and 3) HepG2 cell lysate with PTEN-induced kinase 1 antibody. Expected molecular weight: 60-70 kDa.



Flow cytometry testing of human 293T cells with PTEN-induced kinase 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PTEN-induced kinase 1 antibody.

Description

PTEN-induced kinase 1 (PINK1) is a mitochondrial serine/threonine-protein kinase encoded by the PINK1 gene. This gene encodes a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson disease.

Application Notes

Optimal dilution of the PTEN-induced kinase 1 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids E112-A570) was used as the immunogen for the PTEN-induced kinase 1 antibody.

Storage

After reconstitution, the PTEN-induced kinase 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com