

For Research Use Only

PIF1 Polyclonal antibody, PBS Only

Catalog Number: 19006-1-PBS



Basic Information

Catalog Number:

19006-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13522

GenBank Accession Number:

BC018978

GeneID (NCBI):

80119

UNIPROT ID:

Q9H611

Full Name:

PIF1 5'-to-3' DNA helicase homolog
(S. cerevisiae)

Calculated MW:

70 kDa

Observed MW:

63-73 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

PIF1, also named as ATP-dependent DNA helicase PIF1, is a 641 amino acid protein, which belongs to the helicase family. PIF1 as a DNA-dependent ATPase and 5'-3' DNA helicase is required for the maintenance of both mitochondrial and nuclear genome stability. PIF1 localizes in the nucleus and is involved in the maintenance of telomeric DNA. PIF1 exists as four isoforms. isoform 1 is a 70 kDa protein and isoform 2 is 63 kDa protein.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

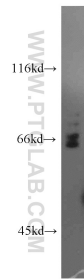
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 19006-1-AP (PIF1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19006-1-PBS in a different storage buffer formulation.