

For Research Use Only

# SLX4IP Polyclonal antibody

Catalog Number:30497-1-AP



## Basic Information

Catalog Number:

30497-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33034

GenBank Accession Number:

GeneID (NCBI):

128710

UNIPROT ID:

Q5VYV7

Full Name:

chromosome 20 open reading frame

94

Calculated MW:

46 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HEK-293, LNCaP, MG-63, U2OS cells

## Background Information

SLX4IP is a nuclear adaptor protein that associates with the SLX4 DNA repair scaffold, contributing to DNA damage repair, replication stress responses, and telomere maintenance. By regulating nuclease-containing repair complexes and potentially supporting ALT-mediated telomere elongation, SLX4IP plays an important role in maintaining genomic stability. Dysregulation of SLX4IP has been implicated in cancer biology, particularly in tumors utilizing alternative telomere maintenance pathways.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

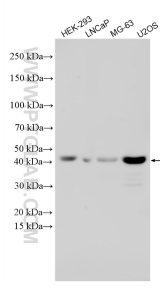
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30497-1-AP (SLX4IP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.