For Research Use Only

# SLX4IP Polyclonal antibody

Catalog Number:30497-1-AP

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## Basic Information

Catalog Number:
30497-1-AP

Size:
150ul , Concentration: 350 ug/ml by Nanodrop;

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

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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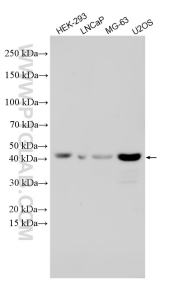
## Selected Validation Data




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.