

For Research Use Only

SLX4 Polyclonal antibody

Catalog Number: 31867-1-AP



Basic Information

Catalog Number: 31867-1-AP	GenBank Accession Number: BC036335	Purification Method: Antigen affinity Purification
Concentration: 600 µg/ml	GeneID (NCBI): 84464	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8IY92	
Isotype: IgG	Full Name: BTB (POZ) domain containing 12	
Immunogen Catalog Number: AG36095	Calculated MW: 1834 aa, 200 kDa	
	Observed MW: 180-200 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : DU 145 cells, HeLa cells, mouse testis tissue, rat testis tissue
Species Specificity: human, mouse, rat	

Background Information

SLX4 (Structure-specific endonuclease subunit SLX4) is a scaffold protein that assembles multiple structure-specific nucleases, including SLX1, MUS81-EME1, and XPF-ERCC1. These nucleases are essential for resolving complex DNA structures that arise during DNA replication, repair, and recombination (PMID: 34804132). SLX4 is a key protein involved in DNA repair and genome stability, with significant implications for genetic disorders and cancer.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

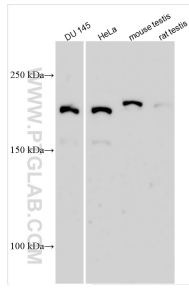
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31867-1-AP (SLX4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.