

For Research Use Only

ZNF365 Polyclonal antibody

Catalog Number: 33051-1-AP



Basic Information

Catalog Number: 33051-1-AP	GenBank Accession Number: BC070073	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 22891	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	UNIPROT ID: Q70YC5	
Immunogen Catalog Number: AG37654	Full Name: zinc finger protein 365	
	Calculated MW: 407 aa, 46 kDa	
	Observed MW: 52 kDa, 46kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, Jurkat cells, LO2 cells
Species Specificity: human	

Background Information

ZNF365 is a direct p53 target that promotes genome stability. Germline polymorphisms in the ZNF365 locus are associated with increased cancer risk, including those associated with telomere dysfunction. On the mechanistic level, ZNF365 suppresses expression of a subset of common fragile sites, including telomeres. In the absence of ZNF365, defective telomeres engage in aberrant recombination of telomere ends, leading to increased telomere sister chromatid exchange and formation of anaphase DNA bridges, including ultra-fine DNA bridges, and ultimately increased cytokinesis failure and aneuploidy (PMID: 23776040).

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:

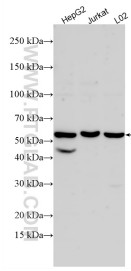
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33051-1-AP (ZNF365 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.