

For Research Use Only

ZNF365 Polyclonal antibody, PBS Only

Catalog Number: 33051-1-PBS



Basic Information

Catalog Number:

33051-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37654

GenBank Accession Number:

BC070073

GeneID (NCBI):

22891

UNIPROT ID:

Q70YC5

Full Name:

zinc finger protein 365

Calculated MW:

407 aa, 46 kDa

Observed MW:

52 kDa, 46kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

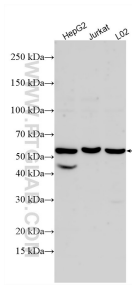
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 33051-1-PBS in a different storage buffer formulation.