

For Research Use Only

GINS1 Polyclonal antibody

Catalog Number: 16061-1-AP



Basic Information

Catalog Number:

16061-1-AP

Concentration:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8895

GenBank Accession Number:

BC012542

GeneID (NCBI):

9837

UNIPROT ID:

Q14691

Full Name:

GINS complex subunit 1 (Psf1 homolog)

Calculated MW:

196 aa, 23 kDa

Observed MW:

20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : MCF-7 cells, mouse testis tissue, SH-SY5Y cells, U-251 cells, mouse thymus tissue, rat testis tissue, rat thymus tissue

IHC : human ovary cancer tissue,

Background Information

GINS1, also known as Partner of SLD Five 1 (PSF1) is a member of the GINS (Go-Ichi-Nii-San) complex, which plays a vital role in the initiation and elongation of DNA replication (PMID: 34414190). GINS1 was initially found to be predominantly expressed in highly proliferating cells instead of mature cells. Later on, it was found that GINS was involved in the tumorigenesis of various cancers, including breast cancer, colorectal cancer, and hepatocellular carcinoma (PMID: 36065190).

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:

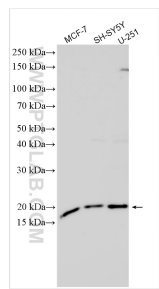
T: 4006900926

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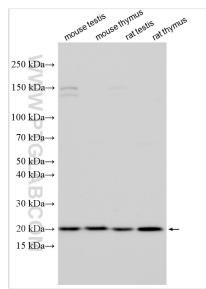
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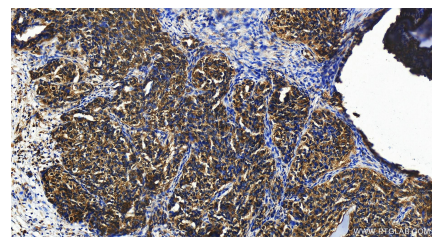
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16061-1-AP (GINS1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 16061-1-AP (GINS1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 16061-1-AP (GINS1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).