

For Research Use Only

# GSG2 Polyclonal antibody

Catalog Number: 55454-1-AP



## Basic Information

**Catalog Number:**

55454-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_031965

**GeneID (NCBI):**

83903

**UNIPROT ID:**

Q8TF76

**Full Name:**

germ cell associated 2 (haspin)

**Calculated MW:**

88 kDa

**Observed MW:**

90 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HEK-293T cells, K-562 cells, Raji cells

## Background Information

Haploid germ cell-specific nuclear protein kinase (Haspin, alias GSG2) is an atypical eukaryotic protein kinase that was for a long time considered an inactive pseudokinase due to the low degree of structural homology of GSG2 with the 'classical' protein kinases (PMID: 29698892). GSG2 is a serine/threonine kinase that associates with chromosomes and phosphorylates threonine 3 of histone 3 during mitosis (PMID: 32439830).

## 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:

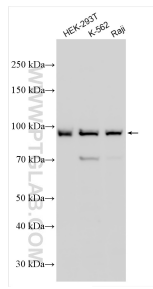
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55454-1-AP (GSG2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.