

# TUBGCP2 Polyclonal antibody

Catalog Number: 25856-1-AP

1 Publications

## Basic Information

## Catalog Number:

25856-1-AP

## Size:

400 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG23066

## GenBank Accession Number:

BC093770

## GeneID (NCBI):

10844

## UNIPROT ID:

Q9BSJ2

## Full Name:

tubulin, gamma complex associated protein 2

## Calculated MW:

902 aa, 103 kDa

## Observed MW:

103 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

## Tested Applications:

IHC, IP, WB, ELISA

## Cited Applications:

IF

## Species Specificity:

human, mouse

## Cited Species:

human

**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 : HEK-293 cells, HeLa cells, U2OS cells

IP : HeLa cells,

IHC : mouse testis tissue,

## Background Information

TUBGCP2 (tubulin-gamma-complex-associated protein 2) s TUBGCP2 is a core component of the g-TuRC nucleation complex (PMID: 3345861). Pathogenic variants in TUBGCP2 cause an autosomal recessive neurodevelopmental trait consisting of a neuronal migration disorder (PMID: 31630790).

## Notable Publications

Author	Pubmed ID	Journal	Application
Franziska Woerz	38122899	Mol Cell Proteomics	IF

## 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

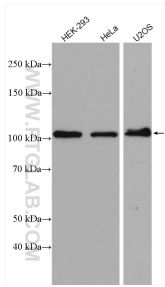
For technical support and original validation data for this product please contact:

T: 4006900926

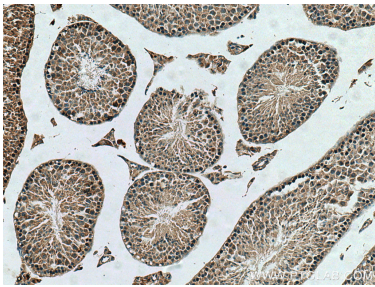
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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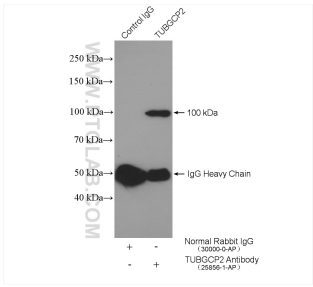
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25856-1-AP (TUBGCP2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25856-1-AP (TUBGCP2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-TUBGCP2 (IP:25856-1-AP, 4ug; Detection:25856-1-AP 1:500) with HeLa cells lysate 3920 ug.