

For Research Use Only

# GTDC1 Monoclonal antibody

Catalog Number: 66578-1-Ig



## Basic Information

Catalog Number:

66578-1-Ig

Size:

1400 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9934

GenBank Accession Number:

BC061699

GeneID (NCBI):

79712

UNIPROT ID:

Q4AE62

Full Name:

glycosyltransferase-like domain containing 1

Calculated MW:

292 aa, 34 kDa, 53 kDa

Observed MW:

53 kDa

Purification Method:

Protein G purification

CloneNo.:

1C4C10

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

IF 1:50-1:500

## Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Species Specificity:

Human, pig

**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: human cerebellum tissue, pig brain tissue, pig cerebellum tissue

IHC: human testis tissue,

IF: U2OS cells,

## Background Information

### 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:

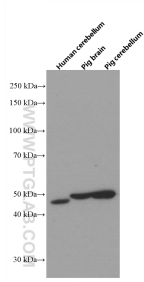
T: 4006900926

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

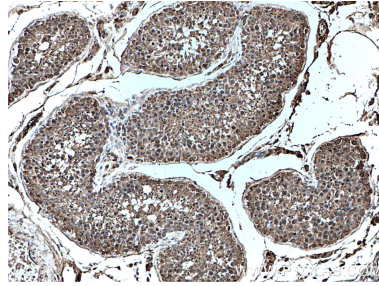
W: [ptgcn.com](http://ptgcn.com)

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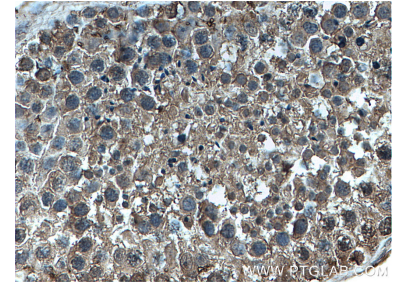
## Selected Validation Data



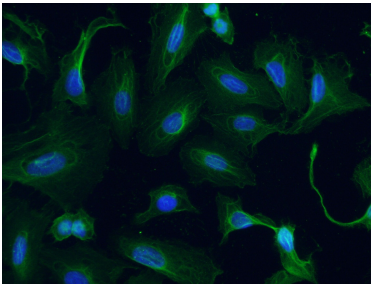
Various tissue were subjected to SDS PAGE followed by western blot with 66578-1-Ig (GTDC1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66578-1-Ig (GTDC1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66578-1-Ig (GTDC1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using 66578-1-Ig (GTDC1 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).