

For Research Use Only

# TBCA Polyclonal antibody

Catalog Number: 12304-1-AP

4 Publications



## Basic Information

### Catalog Number:

12304-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2950

### GenBank Accession Number:

BC018210

### GeneID (NCBI):

6902

### UNIPROT ID:

O75347

### Full Name:

tubulin folding cofactor A

### Calculated MW:

108 aa, 13 kDa

### Observed MW:

13 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:300-1:1500

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

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IF, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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 brain tissue, HeLa cells

IP : HeLa cells,

IHC : human prostate cancer tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Hongxia Yuan	35620457	Front Genet	WB
Zhang Peng P	23740643	Int J Cancer	WB,IHC
Lukas Juergens	32712744	Histochem Cell Biol	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

\*\*\* 20ul sizes contain 0.1% BSA

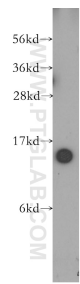
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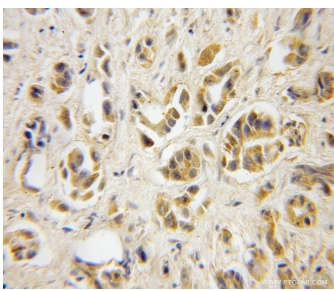
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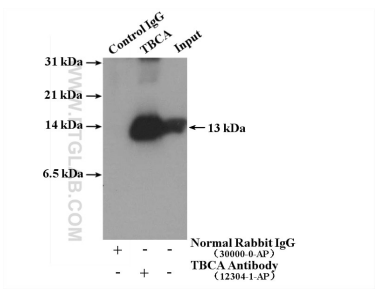
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 12304-1-AP (TBCA antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 12304-1-AP (TBCA antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-TBCA (IP:12304-1-AP, 4ug; Detection:12304-1-AP 1:300) with HeLa cells lysate 2920 ug.