

For Research Use Only

# CSN2 Polyclonal antibody

Catalog Number: 30498-1-AP



## Basic Information

### Catalog Number:

30498-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG27943

### GenBank Accession Number:

BC096194

### GeneID (NCBI):

1447

### UNIPROT ID:

P05814

### Full Name:

casein beta

### Observed MW:

60 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

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**: HeLa cells, HT-29 cells, NIH/3T3 cells, mouse liver tissue, mouse testis tissue, DU 145 cells, rat liver tissue

**IHC**: human breast hyperplasia tissue, human breast cancer tissue

## Background Information

CSN2 is also named as Beta-casein and CASB. The  $\beta$ -casein is the most abundant protein in camel milk, and is one of the most important milk protein fractions (PMID: 24973699).

## 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

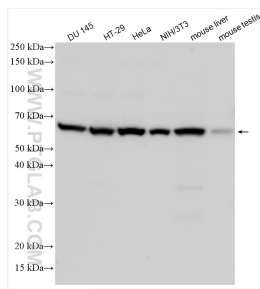
For technical support and original validation data for this product please contact:

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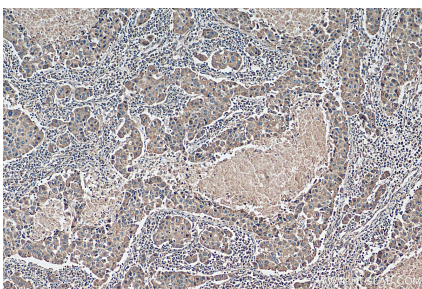
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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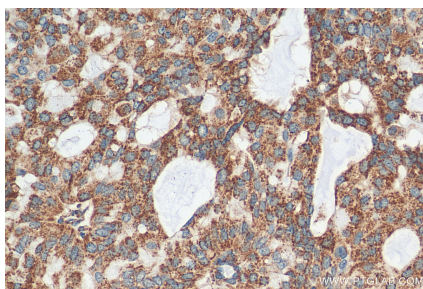
## Selected Validation Data



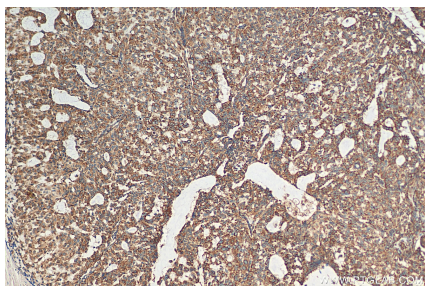
Various lysates were subjected to SDS PAGE followed by western blot with 30498-1-AP (CSN2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



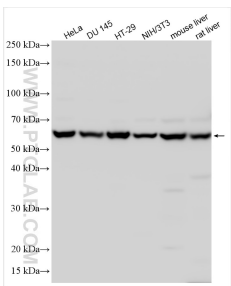
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 30498-1-AP (CSN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 30498-1-AP (CSN2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 30498-1-AP (CSN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HeLa cells were subjected to SDS PAGE followed by western blot with 30498-1-AP (CSN2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.