

For Research Use Only

# CSN3 Polyclonal antibody

Catalog Number: 16032-1-AP



## Basic Information

<b>Catalog Number:</b> 16032-1-AP	<b>GenBank Accession Number:</b> BC010935	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 240 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 1448	<b>Recommended Dilutions:</b> IHC 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> casein kappa	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 182 aa, 20 kDa	
<b>Immunogen Catalog Number:</b> AG8901		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human breast cancer tissue,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

κ-Casein (CSN3) is the major protein component of milk micelles in most mammalian species. CSN3, which is mainly located at the surface of the micelles, is known to play an essential role in controlling the stability of the micelles. CSN3 from bovine milk possesses molecular chaperone activity and functioned to prevent precipitation of the target protein.

## Storage

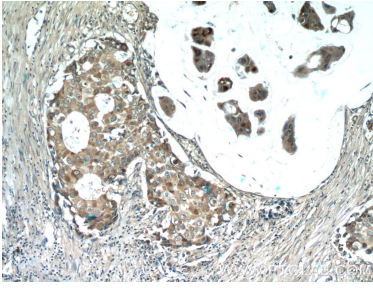
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

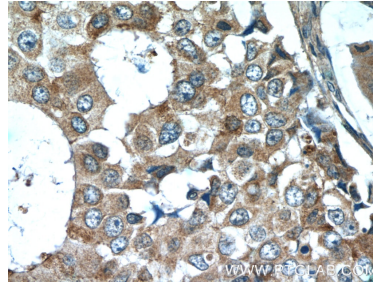
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16032-1-AP (CSN3 Antibody) at dilution of 1:25 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16032-1-AP (CSN3 Antibody) at dilution of 1:25 (under 40x lens).