For Research Use Only

CSN3 Polyclonal antibody

Catalog Number:16032-1-AP 1 Publications

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Basic Information

Catalog Number:
16032-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG8901

GenBank Accession Number:
BC010935

GeneID (NCBI):
1448

UNIPROT ID:
P07498

Full Name:
casein kappa

Calculated MW:
182 aa, 20 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IHC: 1:10-1:100

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
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:

IHC : human breast cancer tissue,

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.

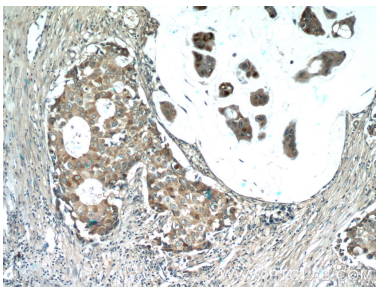
Notable Publications

Author	Pubmed ID	Journal	Application
Yuanyuan Zhang	40559771	Vet Sci	

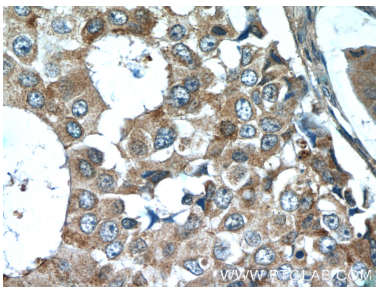
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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).