

**CSN2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12664a**

**Specification**

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**CSN2 Antibody (N-term) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | WB,E                        |
| Primary Accession | <a href="#">P05814</a>      |
| Other Accession   | <a href="#">NP_001882.1</a> |
| Reactivity        | Human                       |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Antigen Region    | 25-54                       |

**CSN2 Antibody (N-term) - Additional Information**

**Gene ID** 1447

**Other Names**

Beta-casein, CSN2, CASB

**Target/Specificity**

This CSN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-54 amino acids from the N-terminal region of human CSN2.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CSN2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CSN2 Antibody (N-term) - Protein Information**

**Name** CSN2

**Synonyms** CASB

**Function** Important role in determination of the surface properties of the casein micelles.

**Cellular Location**  
Secreted.

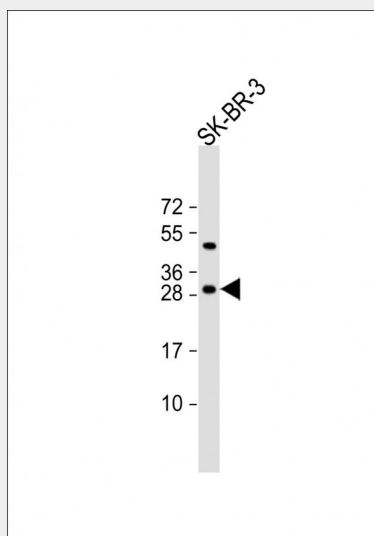
**Tissue Location**  
Mammary gland specific. Secreted in milk.

### CSN2 Antibody (N-term) - Protocols

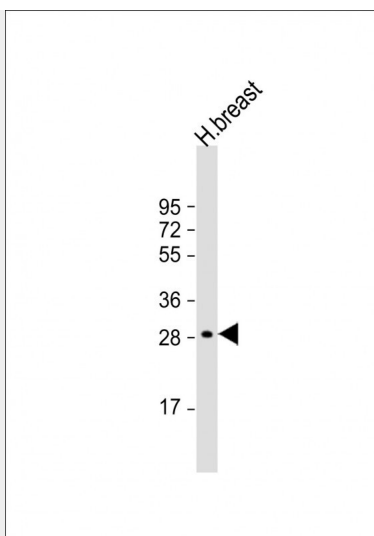
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

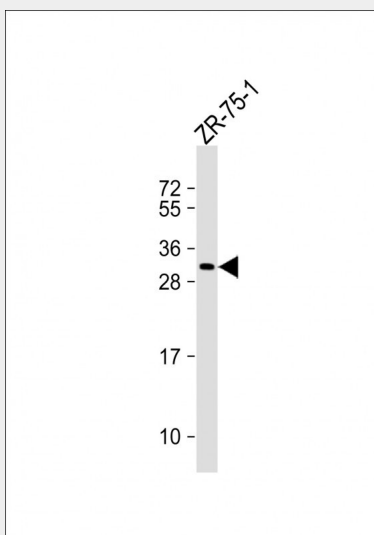
### CSN2 Antibody (N-term) - Images



Anti-CSN2 Antibody (N-term) at 1:1000 dilution + SK-BR-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-CSN2 Antibody (N-term) at 1:2000 dilution + human breast lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-CSN2 Antibody (N-term) at 1:2000 dilution + ZR-75-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### CSN2 Antibody (N-term) - Background

CSN2 plays an important role in determination of the surface properties of the casein micelles.

### CSN2 Antibody (N-term) - References

- Puri, A., et al. Int. Immunopharmacol. 9(9):1092-1096(2009)
- Pearce, C., et al. BMC Cell Biol. 10, 31 (2009) :
- Buser, A.C., et al. Mol. Endocrinol. 21(1):106-125(2007)
- Sood, S.M., et al. Protein J. 25(5):352-360(2006)
- Reimer, T., et al. J. Mol. Biol. 330(5):955-966(2003)