



Datasheet for ABIN1385300

## anti-Casein alpha S1 antibody (AA 31-130)



[Go to Product page](#)

### 2 Publications

#### Overview

Quantity:	100 µL
Target:	Casein alpha S1 (CSN1S1)
Binding Specificity:	AA 31-130
Reactivity:	Human, Cow, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Casein alpha S1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Alpha casein
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse
Purification:	Purified by Protein A.

#### Target Details

Target:	Casein alpha S1 (CSN1S1)
Alternative Name:	alpha Casein ( <a href="#">CSN1S1 Products</a> )

## Target Details

---

Background: Synonyms: Alpha casein, CASA, CASA1\_HUMAN, Casein alpha s1, Casoxin-D, CSN1, CSN1S1.  
Background: Important role in the capacity of milk to transport calcium phosphate. Casoxin D acts as opioid antagonist and has vasorelaxing activity mediated by bradykinin B1.

---

Gene ID: 1446

---

## Application Details

---

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

Concentration: 1 µg/µL

---

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

---

Preservative: ProClin

---

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

---

Storage: 4 °C, -20 °C

---

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

---

Expiry Date: 12 months

---

## Publications

---

Product cited in: Huo, Yu, Li, Zhou, Jin, Gao: "PURB is a positive regulator of amino acid-induced milk synthesis in bovine mammary epithelial cells." in: **Journal of cellular physiology**, Vol. 234, Issue 5, pp. 6992-7003, (2019) ([PubMed](#)).

Chu, Zhao, Feng, Zhang, Liu, Cheng, Li, Shen, Cao, Li, Min: "MicroRNA-126 participates in lipid

metabolism in mammary epithelial cells." in: **Molecular and cellular endocrinology**, Vol. 454, pp. 77-86, (2017) ([PubMed](#)).