

bs-10031R**[Primary Antibody]****Casein kappa Rabbit pAb****Bioss**
ANTIBODIES

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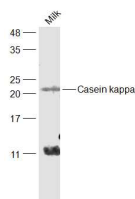
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Cow (predicted: Sheep)
Target: Casein kappa		
Immunogen: KLH conjugated synthetic peptide derived from cow Kappa-casein: 111-170/190.		Predicted MW.: 19 kDa
Purification: affinity purified by Protein A		Subcellular Location: Secreted
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Important role in determination of the surface properties of the casein micelles.		

— VALIDATION IMAGES —

Sample: Milk(Cow) at 30 ug Primary: Anti-Casein kappa (bs-10031R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 19 kD Observed band size: 21 kD

— SELECTED CITATIONS —

- **[IF=2.7]** Mei Sun. et al.Effects of essential amino acids availability on amino acids uptake,metabolism and casein synthesis in bovine mammary epithelial cells..JOURNAL OF ANIMAL SCIENCE.2025 Mar 14:ska079. Western blot ;Bovine. 40084647
- **[IF=2.9]** Chen Zhujun. et al. HSF1 and CPSF1 affect milk fat and protein synthesis by regulating the AKT/mTOR signaling pathway. J ANIM SCI. 2025 Feb;; WB ;Bovine. 39932399