10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Alpha casein Rabbit pAb

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Catalog # AP94471

Product Information

Application	WB
Primary Accession	P02662
Reactivity	Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24529
Physical State	Liquid
Immunogen	Casein from bovine milk
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Casein is the name for a family of related phosphoproteins (αS1, αS2, β, κ). These proteins are commonly found in mammalian milk, making up 80% of the proteins in cow milk and between 20% and 45% of the proteins in human milk. Casein has a wide variety of uses, from being a major component of cheese, to use as a food additive, to a binder for safety matches. As a food source, casein supplies amino acids; carbohydrates; and two inorganic elements, calcium and phosphorus.

Additional Information

Gene ID	282208
Other Names	Alpha-S1-casein, Bos d 8, Antioxidant peptide, CSN1S1
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

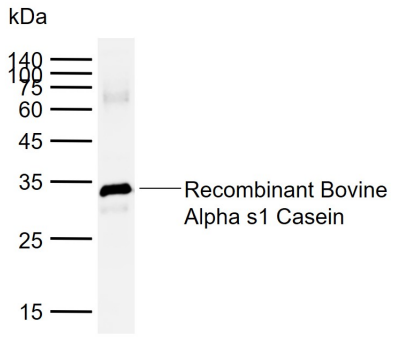
Name	CSN1S1
Function	Important role in the capacity of milk to transport calcium phosphate.

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

Background

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Images



Sample:
Lane 1: Recombinant Bovine Alpha s1 Casein
Primary: Anti-Alpha casein (AP94471) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 23 kDa
Observed band size: 34 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.