

**AP33371SU-N****Polyclonal Antibody to Casein - Serum****Alternate names:**

Alpha casein, CASA, Casein, Casein Recombinant Protein, Casein alpha s1

**Quantity:**

0.1 ml

**Background:**

Casein is the name for a family of related phosphoproteins ( $\alpha$ S1,  $\alpha$ S2,  $\beta$ ,  $\kappa$ ). 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.

**Host:**

Goat

**Immunogen:**

Native casein purified from cow milk

**Format:****State:** Lyophilized Serum**Reconstitution:** Restore in aqua bidest to initial volume**Applications:****ELISA:** 1/5000.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

This antibody detects Cow Milk Casein.

**Species:** Bovine.

Other species not tested.

**Storage:**

Store lyophilized at 2-8°C for 6 months or at -20°C long term.

After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.