



[Go to Product page](#)

Datasheet for ABIN728527
anti-Casein antibody (HRP)

Overview

Quantity:	100 µL
Target:	Casein (CASA)
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Casein antibody is conjugated to HRP
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Casein protein from bovine milk
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse
Predicted Reactivity:	Cow
Purification:	Purified by Protein A.

Target Details

Target:	Casein (CASA)
Alternative Name:	Casein (CASA Products)
Background:	Synonyms: NULL Background: Casein is the name for a family of related phosphoproteins. These proteins are

Target Details

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. Casein from bovine milk is a phosphoprotein. There are four main types of casein which make up approximately 80% of the total protein in bovine milk: α -s1 casein, α -s2 casein, β -casein, and κ -casein. Casein is proposed to be the main protective constituent in milk.

Molecular Weight: unknown

Application Details

Application Notes: WB 1:100-1000
ELISA 1:500-1000
IHC-P 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 μ g/ μ L

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Gentamicin sulfate

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

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months