

Datasheet for ABIN1607763

## anti-Calf Intestinal Alkaline Phosphatase (CIAP) antibody (Biotin)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	Calf Intestinal Alkaline Phosphatase (CIAP)
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	Alkaline Phosphatase Antibody Biotin Conjugated
Immunogen:	Immunogen: Alkaline Phosphatase [Calf Intestine] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum as well as purified and partially purified Alkaline Phosphatase [Calf Intestine].
Characteristics:	Synonyms: rabbit anti-Alkaline Phosphatase Antibody biotin Conjugation, biotin conjugated rabbit anti-Alkaline Phosphatase Antibody, Alkaline phosphomonoesterase antibody, ALPI antibody, Glycerophosphatase antibody, IAP antibody, Intestinal alkaline phosphatase antibody, Kasahara isozyme antibody
Purification:	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography

## Product Details

followed by extensive dialysis against the buffer stated above.

## Target Details

Target:	Calf Intestinal Alkaline Phosphatase (CIAP)
Alternative Name:	Calf Intestinal Alkaline Phosphatase ( <a href="#">CIAP Products</a> )
Background:	Background: At a high pH , Anti-Alkaline Phosphatase antibodies strip phosphate groups from DNA, RNA, and proteins. ALP is most abundant in placental and intestinal tissue specific such as the liver, placenta, and bone. Located in the cell membrane, Anti-Alkaline Phosphatase antibodies are ideal for researchers involved in Cancer, Enzyme, Tags and Cell Marker, and Cell Cycle research.
Gene ID:	280993
UniProt:	<a href="#">P19111</a>

## Application Details

Application Notes:	<p>Application Note: Anti-Alkaline Phosphatase Biotin Conjugated Antibody has been tested by ELISA and Western blot. This product is assayed against 1.0 µg of Alkaline Phosphatase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.</p> <p>Western Blot Dilution: 1:500 - 1:2,000</p> <p>ELISA Dilution: 1:1,000 - 1:10,000</p> <p>Other: User Optimized</p>
Restrictions:	For Research Use only

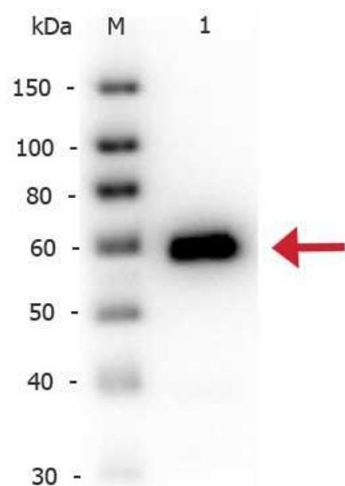
## Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 100 µL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	10 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Handling

	Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Images



Western Blotting

**Image 1.** Western Blot of Rabbit anti-Alkaline Phosphatase antibody Biotin Conjugated. Lane 1: Alkaline Phosphatase (calf intestine). Load: 50 ng per lane. Primary antibody: Alkaline Phosphatase antibody Biotin conjugated at 1:2,000 for 60 min at RT. Secondary antibody: Peroxidase Streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block: Blocking Buffer for Fluorescent Western Blotting (ABIN925618) for 30 min at RT. Predicted/Observed size: 57 kDa, 57 kDa for Alkaline Phosphatase.