

**Anti-ALKALINE PHOSPHATASE (Calf Intestine) (GOAT) Antibody**  
**Alkaline Phosphatase Antibody**  
**Catalog # ASR4065****Specification**

---

**Anti-ALKALINE PHOSPHATASE (Calf Intestine) (GOAT) Antibody - Product Information**

Host	Goat
Conjugate	Unconjugated
Target Species	Bovine
Reactivity	Bovine
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	Anti-Alkaline Phosphatase has been assayed against 1.0 ug of Alkaline Phosphatase [Calf intestine] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 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 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for this product.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Alkaline Phosphatase [Calf Intestine]
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)

**Anti-ALKALINE PHOSPHATASE (Calf Intestine) (GOAT) Antibody - Additional Information****Other Names**

280993

**Purity**

Anti-ALKALINE PHOSPHATASE is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum as well as purified and partially purified Alkaline Phosphatase [Calf Intestine]. Cross reactivity against Alkaline Phosphatase from other tissues and species may occur but have not been specifically determined.

**Storage Condition**

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.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-ALKALINE PHOSPHATASE (Calf Intestine) (GOAT) Antibody - Protein Information**

**Name** ALPI

**Function**

Alkaline phosphatase that can hydrolyze various phosphate compounds.

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:P15693}; Lipid-anchor, GPI-anchor  
{ECO:0000250|UniProtKB:P15693}

**Anti-ALKALINE PHOSPHATASE (Calf Intestine) (GOAT) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-ALKALINE PHOSPHATASE (Calf Intestine) (GOAT) Antibody - Images****Anti-ALKALINE PHOSPHATASE (Calf Intestine) (GOAT) Antibody - Background**

In most mammals there are four different isozymes: placental, placental-like, intestinal and tissue non-specific (liver/bone/kidney). Alkaline Phosphatase catalytic activity is phosphate monoester + H<sub>2</sub>O = an alcohol + phosphate.