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# Anti-ALDOLASE [Rabbit Muscle] (GOAT) Antibody Biotin Conjugated

**Aldolase Antibody Biotin Conjugated**
**Catalog # ASR4107**

## Specification

### Anti-ALDOLASE [Rabbit Muscle] (GOAT) Antibody Biotin Conjugated - Product Information

| | |
|---|---|
| Host | **Goat** |
| Conjugate | **Biotin** |
| Target Species | **Rabbit** |
| Reactivity | **Human, Rabbit** |
| Clonality | **Polyclonal** |
| Application | **WB, E, IP, I, LCI** |
| Application Note | **Anti-Aldolase Biotin has been tested by ELISA, immunoprecipitation, and western blot. This product is assayed against 1.0 ug of Aldolase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethyl benthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:16,000 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 | **Aldolase [Rabbit Muscle]** |
| Reconstitution Volume | **100 µL** |
| Reconstitution Buffer | **Restore with deionized water (or equivalent)** |
| Stabilizer | **10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free** |
| Preservative | **0.01% (w/v) Sodium Azide** |

### Anti-ALDOLASE [Rabbit Muscle] (GOAT) Antibody Biotin Conjugated - Additional Information

**Gene ID** 100009055

**Other Names**
100009055

**Purity**
Anti-Aldolase 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-Biotin, anti-Goat Serum as well as purified and partially purified Aldolase [Rabbit Muscle]. Cross reactivity against Aldolase from other sources 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-ALDOLASE [Rabbit Muscle] (GOAT) Antibody Biotin Conjugated - Protein Information

**Name** ALDOA

**Function**
Plays a key role in glycolysis and gluconeogenesis. In addition, may also function as scaffolding protein.

**Cellular Location**
Cytoplasm, myofibril, sarcomere, I band. Cytoplasm, myofibril, sarcomere, M line. Note=In skeletal muscle, accumulates around the M line and within the I band, colocalizing with FBP2 on both sides of the Z line in the absence of Ca(2+)

## Anti-ALDOLASE [Rabbit Muscle] (GOAT) Antibody Biotin Conjugated - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-ALDOLASE [Rabbit Muscle] (GOAT) Antibody Biotin Conjugated - Images

## Anti-ALDOLASE [Rabbit Muscle] (GOAT) Antibody Biotin Conjugated - Background

Part of the class I fructose-bisphosphate aldolase family, the Anti-Aldolase antibody is essential in the processes glycolysis and gluconeogenesis, as well as performing the role of a scaffolding protein. Anti-Aldolase antibody is ideal for investigators interested in Metabolism, Cancer, and Signal Transduction research.