

**Aldolase Antibody**  
Rabbit mAb  
Catalog # AP91636

## Specification

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### Aldolase Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	<a href="#">P04075</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
ALDA; Aldo1; ALDOA; Aldolase 1; Aldolase A; GSD12; HEL S 87p;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39420 Da

### Aldolase Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Aldolase
Description	Plays a key role in glycolysis and gluconeogenesis. In addition, may also function as scaffolding protein.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### Aldolase Antibody - Protein Information

Name ALDOA ([HGNC:414](#))

Synonyms ALDA

#### Function

Catalyzes the reversible conversion of beta-D-fructose 1,6- bisphosphate (FBP) into two triose phosphate and plays a key role in glycolysis and gluconeogenesis (PubMed:<a href="http://www.uniprot.org/citations/14766013" target="\_blank">14766013</a>). In addition, may also function as scaffolding protein (By similarity).

#### Cellular Location

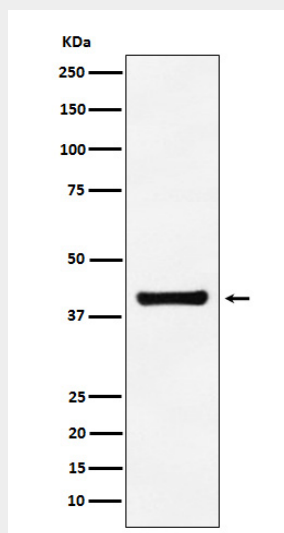
Cytoplasm, myofibril, sarcomere, I band {ECO:0000250|UniProtKB:P00883}. Cytoplasm, myofibril, sarcomere, M line {ECO:0000250|UniProtKB:P00883}. Note=In skeletal muscle, accumulates around the M line and within the I band, colocalizing with FBP2 on both sides of the Z line in the absence of Ca(2+) {ECO:0000250|UniProtKB:P00883}

## Aldolase 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](#)

## Aldolase Antibody - Images



Western blot analysis of Aldolase expression in A549 cell lysate.