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# ALDOA Antibody
**Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP50972**

## Specification

### ALDOA Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | P04075 |
| Reactivity | **Human, Mouse, Rat** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **39 KDa** |
| Antigen Region | **11 - 70** |

### ALDOA Antibody - Additional Information

**Gene ID** 226

**Other Names**
Fructose-bisphosphate aldolase A, Lung cancer antigen NY-LU-1, Muscle-type aldolase, ALDOA, ALDA

**Target/Specificity**
KLH conjugated synthetic peptide derived from human ALDOA

**Dilution**
WB~~ 1:1000

**Format**
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**
Store at -20 °C.Stable for 12 months from date of receipt

### ALDOA 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,

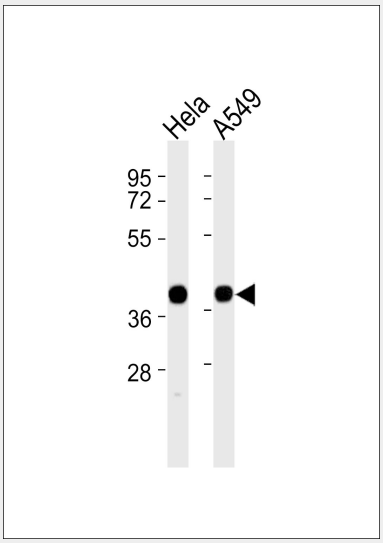
sarcomere, M line {ECO:0000250|UniProtKB:P00883}. Note=In skeletal muscle, accumulates around the M line and within the I band, colocalizing with FBP2 on both sides of the Z line in the absence of Ca(2+) {ECO:0000250|UniProtKB:P00883}

## ALDOA 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 Cytomety
- Cell Culture

## ALDOA Antibody - Images




All lanes : Anti-ALDOA Antibody at 1:1000 dilution Lane 1: Hela whole cell lysates Lane 2: A549 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 39 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

## ALDOA Antibody - Background

Plays a key role in glycolysis and gluconeogenesis. In addition, may also function as scaffolding protein (By similarity).

## ALDOA Antibody - References

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Izzo P.,et al.Eur. J. Biochem. 164:9-13(1987).
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