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Aldolase Antibody
Rabbit mAb
Catalog # AP91636

Specification

Aldolase Antibody - Product Information

Application	**WB, IHC, ICC**
Primary Accession	P04075
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
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:14766013). 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}

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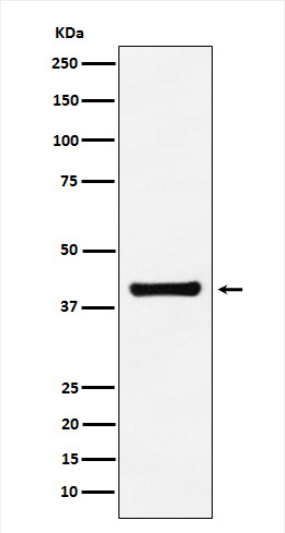
Aldolase Antibody - Protocols

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

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

Aldolase Antibody - Images



Western blot analysis of Aldolase expression in A549 cell lysate.