

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

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
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- biphosphate (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

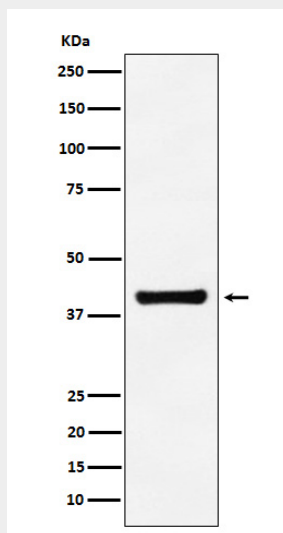
around the M line and within the I band, colocalizing with FBP2 on both sides of the Z line in the absence of Ca^{2+} {ECO:0000250|UniProtKB:P00883}

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.