

Aldolase A Polyclonal Antibody
Catalog # AP68374**Specification****Aldolase A Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	P04075
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Aldolase A Polyclonal Antibody - Additional Information**Gene ID** 226**Other Names**

ALDOA; ALDA; Fructose-bisphosphate aldolase A; Lung cancer antigen NY-LU-1; Muscle-type aldolase

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Aldolase A Polyclonal 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

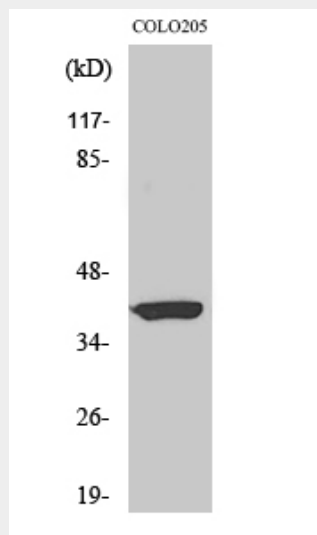
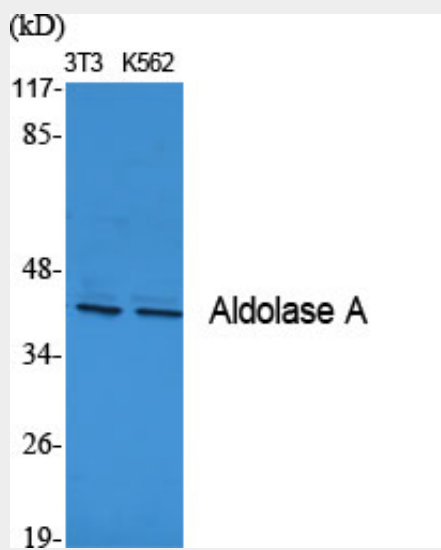
Cytoplasm, myofibril, sarcomere, I band {ECO:0000250|UniProtKB:P00883}. Cytoplasm, myofibril, sarcomere, M line {ECO:0000250|UniProtKB:P00883}. Note=In skeletal muscle, accumulates around the M line and within the I band, colocalizing with FBP2 on both sides of the Z line in the absence of Ca(2+) {ECO:0000250|UniProtKB:P00883}

Aldolase A Polyclonal 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 A Polyclonal Antibody - Images



Aldolase A Polyclonal Antibody - Background

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

protein (By similarity).