10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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℃

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}

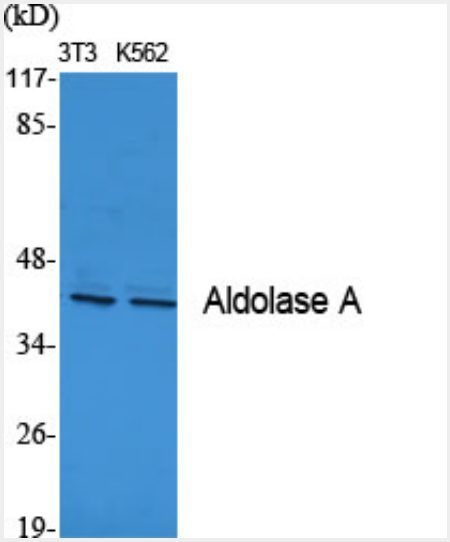
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

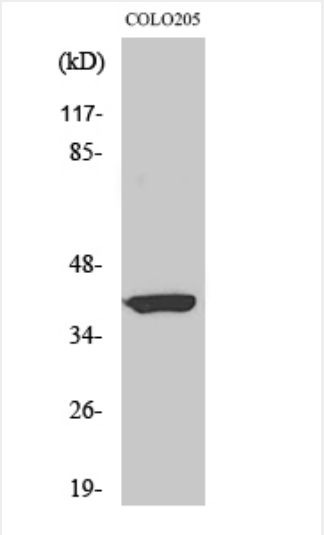
Aldolase A Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).